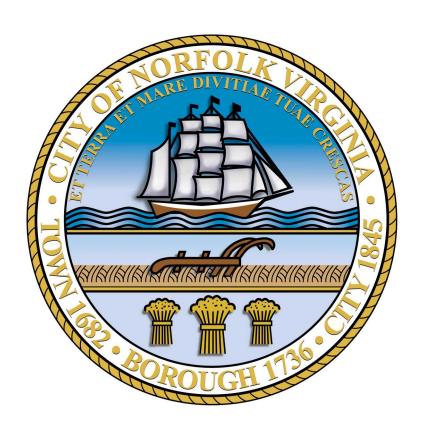
# **Capital Improvement Plan**





# READER'S GUIDE

#### BACKGROUND

The Capital Improvement Program (CIP) is a multi-year plan for capital expenditures to replace and expand the city's infrastructure. The city uses the CIP to develop infrastructure and maintain the quality of life offered to residents and businesses.

The capital budget supports non-recurring expenditures, such as the construction of buildings, acquisition of property, repairs and improvements to roadways, building maintenance, and efficient operation of the water and sewage systems. Capital funding is limited to the cost of the project and may be expended over several fiscal years until the project is completed. Other costs associated with the capital budget include, but are not limited to the following:

- Architectural and engineering fees;
- Site development; and
- Major equipment.

The city uses a long-range planning process that results in a Five-Year CIP Plan. This Five-Year Plan provides residents with an outline of how the city anticipates investing capital dollars for the next five-years. Each capital project included in the CIP is either adopted for funding in FY 2017 or included as a planned project in FY 2018 through FY 2021. The inclusion of a project beyond the current budget year is not a guarantee it will be funded in the future. The needs of the city may change resulting in changes during the next annual budget cycle.

A project that is included in the city's capital budget is broadly defined as requiring the expenditure of public funds for the purchase, construction, enhancement, or replacement of physical infrastructure/assets and it may take several years to complete the project. Whether a project is included in the CIP or in the city's operating budget is determined by its size and scope. Any project authorized in a department's operating budget must be completed or committed by a contractual obligation within the fiscal year in which the funds are appropriated.

To be included in the CIP, the project must cost \$50,000 or more and should extend the life of the asset by greater than the life of the debt instrument used to finance the improvement or grant program.

# **GUIDING PRINCIPLES**

Guiding principles are used to help shape the CIP. These principles include, but are not limited to the following:

- Developing a capital plan that includes projects that meet the six City Council priorities;
- Ensuring that the CIP will be the platform for development in neighborhoods and business communities; and
- Preserving and enhancing the existing tax base.

To guide the CIP decision-making process, projects are evaluated on the degree to which the following objectives are met:

- Adheres to legal or contractual obligation or federal or state mandate;
- Addresses health concerns, safety or emergency needs;
- Leverages outside funding through a match of federal, state or private funding;

- Produces positive community impact through the formation of partnerships with residents and businesses to leverage public dollars, making Norfolk the community of choice for living, working and leisure activities;
- Enjoys broad community support;
- Results in unacceptable outcomes if the project is deferred;
- Ensures existing infrastructure and/or equipment is maintained and replaced in a timely manner; and
- Assures consistency with plaNorfolk2030 comprehensive plan, NorfolkVision2100, and other City Council
  adopted plans.

#### **FUNDING CIP**

A combination of funding sources are used to implement the CIP. Below are descriptions of funding sources used to support the CIP:

- **Reappropriation of Previous Authorization:** Dollars represent projects that are closed or determined to have excess funds.
- Transfer from General Fund: Annual cash contributions to the CIP.
- **Transfer from Public Amenities Fund:** This cash contribution is from a special revenue fund, which collects one percent of the prepared food tax rate and one percent of the lodging tax rate to promote cultural and entertainment activity in the downtown area.
- **Other Cash Contribution:** Dollars represent other sources of cash contributions to the CIP such as grants, donations, other state or federal aid, or other reprogrammed funds.
- **Bonds (Debt):** The city's debt is defined by the sources of repayment: general fund supported debt service and nongeneral fund supported debt service. General fund supported debt is pledged to be repaid from tax revenue. Nongeneral fund debt is intended to be repaid from revenue derived from other revenue sources such as fees.

#### **NONGENERAL FUND PROJECTS:**

Projects below are supported through nongeneral fund revenues, which are not paid from taxes:

- **Parking Facilities:** Improve the city's parking infrastructure systems, maintain public safety, promote tourism, and perpetuate and attract new businesses, including architectural designs, construction of new and/or replacement, multi-level parking facilities.
- **Storm Water Utility:** Improve the city's storm water infrastructure system, including miscellaneous drainage improvements, system repairs and rehabilitation, and system cleaning and drainage studies in neighborhoods citywide.
- **Towing and Recovery:** Support the city's ability to keep abandoned vehicles off the public right-of-way and address code violations. There are no projects in this fund for the FY 2017 FY 2021 CIP.
- **Wastewater Utility:** Improve the city's wastewater infrastructure system including the operation and maintenance of collection sewers, pump stations, and sewer force mains.
- Water Utility: Improve the city's water infrastructure system and perpetuate the city's economic vitality.

#### **PRIORITY AREA DESCRIPTIONS**

#### **GENERAL FUND SUPPORTED PROJECTS:**

In FY 2017, the City of Norfolk continued the implementation of the initiative to become a "Well-Managed Government." This initiative promotes the values of being a data-driven organization that provides effective and efficient programs and services that are responsive, accountable, inclusive, and customer-focused. This initiative also led to the revision of the citywide priorities.

In preparation for the FY 2017 budget development process, city staff reviewed and affirmed the goals and objectives, which support the Priority Area Plan. Departments continued to refine measures that drive the organization towards the objectives and goals. Through cross-functional teams, departments work together, along with outside partners, to ensure success. Using input from the Council, residents, and business leaders, staff developed action statements describing the vision for each priority. These action statements can be found in each department's section of the operating budget document.

Similar to the operating budget, the CIP projects are categorized into one of the six new priority areas. By categorizing the projects, the city is better able to understand where and how it is prioritizing major projects throughout the city. This also ensured that the projects authorized in the CIP are in line with the community and the City Council's long-term vision for the city. Listed below are the City of Norfolk's priorities and corresponding priority statements.

#### Accessibility, Mobility, and Connectivity:

A comprehensive network of accessibility and information gathering options, addressing all traditional transportation modes, as well as new technologies that connect people, goods, and information. Projects in this category will promote a sustainable and efficient transportation system, an effective communication network, and an accessible system of delivering goods and services to our residents.

#### **Economic Vitality and Workplace Development:**

A growing, competitive, and diversified economy that enhances the quality of life for residents through a wide range of housing, shopping, educational, cultural, business, and employment opportunities. Projects in this category will promote public infrastructure improvements designed to enhance and support private sector investments in a variety of neighborhood and commercial areas of the city. Projects in this category will also promote diversify and strengthen entertainment venues and "cool city" amenities in Norfolk.

#### **Environmental Sustainability:**

A premier waterfront community that creates a positive, regenerative effect on its environment, avoids detrimental environmental impacts, and thrives economically and culturally. Projects in this category will promote the efficient use and protection of natural resources and reduce the negative impacts of coastal flooding.

#### **Lifelong Learning:**

Residents of all ages enjoy a culture of learning that enables them to reach their full potential, achieve personal goals, and, through their knowledge, skills, abilities, and talents, become well equipped to support a prosperous economy. Projects in this category promote a well-trained, qualified community workforce and increase accessibility to lifelong learning. These include construction projects to improve, replace, and/or build new elementary, middle, and high school facilities.

#### Safe, Healthy and Inclusive Communities:

Residents of diverse backgrounds and interests feel encouraged and empowered to assist in the development of safe and healthy neighborhoods, thereby fostering a culture of leadership, pride, and well-being that advances Norfolk's brand as a desirable and enjoyable place to live, learn, work, and play. Projects in this category promote a safe environment for residents, workers, and visitors, increase the availability of sustainable and high quality housing for residents, and create a culture that promotes health, engages in prevention, and supports the economic and social well-being of individuals and families.

#### **Well-Managed Government:**

A data-driven organization that provides effective and efficient programs and services that are responsive, accountable, inclusive, and customer-focused. Projects in this category promote efficiency of programs and services as well as developing, recruiting, and retaining talented and engaged employees to meet current and future workplace needs.

#### METHODOLOGY FOR APPROPRIATING CAPITAL PROJECT FUNDS

In FY 2016, the city introduced an additional method of appropriating stand-alone, large CIP projects. Previously the approval of such CIP projects were timed to the issuance of bonds and the debt limit ratios. This led to these projects being funded over a number of years based on projected expenditures. This meant that a project would receive design funds in year one, and construction in years two, three, or four.

In the new method, projects receive full appropriation in one year, but funds are released based on the anticipated schedule of payments for planning, design, and construction. This new methodology reduces the redundant approvals of the same project year after year and increases the accountability of cost estimates provided at the time of the initial authorization. This approach allows for better management of cash flow and for bond issuance only when needed, saving unnecessary interest payments.

Umbrella projects that focus on maintaining and improving infrastructure are appropriated on an annual basis. These projects include, but are not limited to, maintenance of streets, bridges, sidewalks, parks, public utilities, and improvement of city facilities.

#### **PROJECT INFORMATION**

The FY 2017 CIP provides for 33 projects with support from the General Capital, one project with support from Parking Facilities, five projects with support from Storm Water Utility, one project with support from Wastewater Utility, and six projects with support from the Water Utility.

Financial information for projects can be found throughout the CIP and in the sections listed below.

- CIP Funding Sources: Lists the sources of revenue the city uses to fund capital projects.
- **CIP Uses of Funds:** Lists the projects adopted in the FY 2017 Budget.
- **CIP Five-Year Plan Summary:** A five-year outlook of funding needed for CIP projects in the FY 2017 Budget.
- **Project Detail by Priority Area:** Projects shown on the CIP Five-Year Plan Summary are listed individually with a detailed financial breakdown.

Each project within the FY 2017 CIP has an individual project information page. The definitions and descriptions below are provided as a guide to understanding the individual project pages.

SEE SAMPLE PAGE FOLLOWING THESE DEFINITIONS FOR MORE INFORMATION

#### For each project, the following information is included:

- **Project Title:** Provides a descriptive name for the project.
- **Department:** Identifies the city department that will function as the project sponsor and manager.
- **Account number:** Identifies the financial account the city uses to track project expenditures. Projects that are planned for funding in years FY 2018 FY 2021 will not have an account code.
- **Property Address:** Identifies the location of the project. Several categories are used to identify the location of a project. Addresses are listed when a project is concentrated in a specific area. The term citywide is used when the project involves several locations throughout the city or has a citywide impact. The term "to be determined" is used when a specific site for the project has not been identified.
- **Customers Served:** Indicates the beneficiaries to be served by the project.
- Project Description: Provides a brief and informative description of the project.
- **Financial Summary:** The financial summary provides detailed information on the amounts appropriated for the project. This section includes the following:
  - **FY 2017 Adopted:** Reflects the amounts for the project. Amounts listed in FY 2018 FY 2021 are planned amounts in the upcoming years.
  - **FY 2016 Adopted:** Amounts that were adopted for the project when the budget was authorized in the previous fiscal year.
  - **Operating Budget Impact:** Reflects an ongoing operating budget expense once the project is complete. These expenses are not paid from the capital budget.
  - **Anticipated Project Timeline:** Amounts shown are a projection of how and when funds will be spent in FY 2018 FY 2021.

- **Prior Capital Funding:** Shows the dollars previously contributed to the project from previous appropriations.
- **Capital Share Remaining:** Reflects the amount of capital funding needed to complete the project. This amount is the sum of FY 2018 FY 2021.
- **Project Total:** Reflects the total amount of money dedicated for the completion of the project.
- **Picture:** Includes a visual depiction, if available, of the project location or the end result expected from the completion of the project.
- **Priority Area:** Identifies the priority area that each project is categorized into.

#### Project Title

# **Project Description Page**

Project Description

Department

Address School Major Maintenance

Project Address

#### Department

Executive

#### Account #

4000 02 3193

#### **Property Address:**

Citywide

#### **Customers Served**

Residents 🗹 Business 🗆 City Services 🗆

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide support for major maintenance and repair to school facilities. Expenditures in this category help preserve the life of buildings, perform major preventative maintenance and undertake significant repairs. Each year, prior to the distribution of funds, Norfolk Public Schools shall provide a list of planned projects, as well as the results of the prior year's efforts.

**Customers Served** 

#### **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000
FY 2016 Adopted	3,750,000	2,000,000	2,000,000	2,000,000	2,000,000	N/A	11,750,000
Estimated Operating	N/A	0	0	0	0	0	0

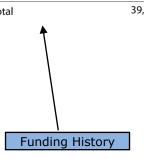
Financial Summary

#### **Anticipated Project Timeline:**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	er N/A	0	0	0	0	0	0
Construction/FFE	N/A	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000
Total	N/A	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000

Anticipated Project Spending

Prior Capital Funding	27,550,000
FY 2017 Adopted	4,000,000
Capital Share Remaining	8,000,000
Project Total	39,550,000





Lifelong Learning CIP - 459
Priority

# **OPERATING IMPACT OF MAJOR CIP PROJECTS**

The operating impact of capital projects is analyzed during the CIP development process. Many new capital improvement projects entail ongoing expenses for routine operation, repair, and maintenance upon completion or acquisition. Some new capital facilities may also require the addition of new positions.

Estimated revenues and/or operational efficiency savings associated with projects are also considered during the capital project evaluation and review process. Operational costs of new facilities can have a significant financial impact on the operating budget of the city. Therefore, these costs are weighed when a project is considered for funding. Conversely, the positive contribution that a capital project can make to the fiscal well-being of the city is also factored into the decision making process. Capital projects such as redevelopment of under-performing or under-used areas of the city, and the infrastructure expansion needed to support new development, help promote the economic development and growth that generates additional operating revenues or operational efficiencies.

As CIP projects are completed, the operating costs of these projects are identified, prioritized, and justified as part of the city's budget development process. The city plans and budgets for significant start-up costs, as well as operation and maintenance of new facilities in the operating budget. If applicable, each project contains an operating and maintenance projection for the operating costs for the first five-years.

The table below represents the estimated operating and maintenance costs for adopted projects. These impacts are taken into consideration in the city's five-year expenditure forecast. Operating impacts are analyzed for funding on a project by project basis because, at times, these impacts can be absorbed within the department's current budget and, at other times, additional funding may be needed. These costs are taken into account when the city authorizes a project for capital funding. CIP projects that have been completed in prior years, which have operating impacts, are not shown here. Prior projects such as the Slover Library, the Southside Aquatics Center, and the new courthouse, for example, have annual operating and maintenance costs that have been added to the department's budget as these buildings have already come online.

Five - Year Estimated CIP Project Operating and Maintenance Cost Impact

Project Title	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Develop Bicycle, Pedestrian Greenways, Sharrows, and Complete Streets	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
Implement RPOS Master Plan	\$6,200	\$6,200	\$6,200	\$6,200	\$6,200
Improve Street Lights	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Maintain USS Wisconsin BB-64	\$61,547	\$70,732	\$10,800	\$11,000	\$11,000
Support Jail Improvements	\$0	\$93,577	\$93,577	\$93,577	\$93,577
Grand Total	\$114,747	\$217,509	\$157,577	\$157,777	\$157,777

<sup>\*</sup>Operating and maintenance costs are addressed through the operating budget for completed projects or for an impending facilities coming online. Operation and maintenance costs are not shown for school construction, as these costs are shown as part of the School Board's separate budget.

# CIP FUNDING SOURCES – GENERAL CAPITAL

	FY 2017 – FY 2021 Funding Sources													
	Adopted	dPlanned												
Sources	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total								
Reappropriation of Previous Authorization	\$4,965,041	\$0	\$0	\$0	\$0	\$4,965,041								
Transfer From General Fund	\$1,847,393	\$1,309,166	\$1,309,166	\$1,309,166	\$1,309,166	\$7,084,057								
Transfer From Public Amenities Fund	\$3,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$7,000,000								
Other Cash Contribution	\$11,900,000	\$300,000	\$300,000	\$300,000	\$300,000	\$13,100,000								
Bonds	\$21,651,566	\$16,204,834	\$19,845,834	\$13,845,834	\$12,995,834	\$84,543,902								
Subtotal	\$43,364,000	\$18,814,000	\$22,455,000	\$16,455,000	\$15,605,000	\$116,693,000								

# **CIP FUNDING SOURCES – NONGENERAL FUNDS**

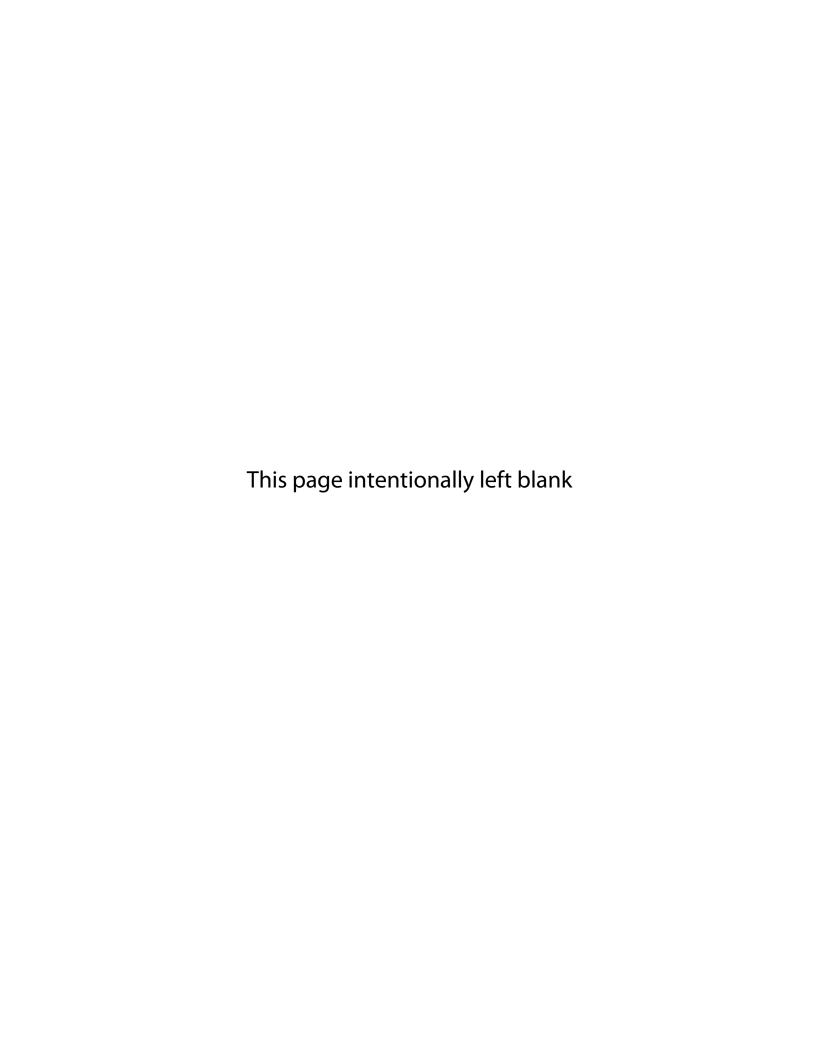
	FY 20	17 – FY 20	21 Fundin	g Sources		
	Adopted		Plar			
Sources	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Other CIP						
Parking Fund Cash	\$2,900,000	\$2,900,000	\$2,900,000	\$2,900,000	\$2,900,000	\$14,500,000
Subtotal Parking	\$2,900,000	\$2,900,000	\$2,900,000	\$2,900,000	\$2,900,000	\$14,500,000
Storm Water Bonds	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$17,500,000
Storm Water Cash	\$1,315,200	\$1,315,200	\$1,315,200	\$1,315,200	\$1,315,200	\$6,576,000
Subtotal Storm Water	\$4,815,200	\$4,815,200	\$4,815,200	\$4,815,200	\$4,815,200	\$24,076,000
Wastewater Bonds	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$100,000,000
Subtotal Wastewater	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$100,000,000
Water Bond	\$21,000,000	\$15,853,333	\$15,173,333	\$13,673,334	\$12,050,000	\$77,750,000
Water Fund Cash	\$4,950,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$24,950,000
Subtotal Water	\$25,950,000	\$20,853,333	\$20,173,333	\$18,673,334	\$17,050,000	\$102,700,000
Other CIP Total	\$53,665,200	\$48,568,533	\$47,888,533	\$46,388,534	\$44,765,200	\$241,276,000
Grand Total CIP	\$97,029,200	\$67,382,533	\$70,343,533	\$62,843,534	\$60,370,200	\$357,969,000

# CIP - Uses of Funds

Project Title	Page	Adopted FY 2017
Accessibility, Mobility and Connectivity	i ugc	Adopted 1 2017
Develop Bicycle, Pedestrian Greenways, Sharrows, and Complete Streets	443	750,000
Enhance Signals and Intersections	444	200,000
Improve Downtown Corridor Streetscaping	445	100,000
Repair and Maintain Bridges - Minor	446	250,000
Repair and Replace Bridges - Major	447	1,000,000
Upgrade and Expand Broadband Infrastructure	448	2,000,000
Subtotal Accessibility, Mobility and Connectivity		4,300,000
Economic Vitality and Workforce Development		
Continue Scope Arena Improvements (PA)	449	750,000
Fund Chrysler Museum Capital Campaign Match	450	850,000
Improve Cultural Facilities (PA)	451	250,000
Improve Harbor Park (PA)	452	500,000
Support Citywide Public Art	453	250,000
Subtotal Economic Vitality and Workforce Development		2,600,000
Environmental Sustainability		
Address Street Flooding Citywide	455	1,500,000
Control Beach Erosion	456	955,000
Improve Citywide Dredging and Waterways	457	500,000
Improve HVAC Systems Citywide	458	200,000
Subtotal Environmental Sustainability		3,155,000

Project Title	Page	Adopted FY 2017
Lifelong Learning		
Address School Major Maintenance	459	4,000,000
Subtotal Lifelong Learning		4,000,000
Safe, Healthy and Inclusive Communities		
Construct Public Safety Memorial	461	250,000
Ensure Citywide Infrastructure Improvements	462	11,600,000
Implement Neighborhood Initiatives	464	950,000
Implement RPOS Master Plan	465	500,000
Improve Community and Neighborhood Parks	466	250,000
Improve Existing Community Centers	467	200,000
Improve Neighborhood Streets - Major	468	300,000
Improve Neighborhoods Citywide	469	2,500,000
Improve Street Lights	470	100,000
Maintain Fire Stations	471	1,000,000
Repair Neigh. Sts/Sidewalks/Walkways	472	250,000
Support Jail Improvements	473	5,400,000
Subtotal Safe, Healthy and Inclusive Communities		23,300,000
Well-Managed Government		
Fund Preliminary Engineering	475	2,259,000
Improve Infrastructure and Acquire Property	476	1,000,000
Improve Roof Repair and Moisture Protection	477	250,000
Maintain Municipal Facilities (PA)	478	2,000,000
Maintain USS Wisconsin BB-64 (PA)	479	500,000
Subtotal Well-Managed Government		6,009,000
Total General Capital		43,364,000

Project Title	Page	Adopted FY 2017
Parking Facilities		
Maintain Parking Facilities	481	2,900,000
Subtotal Parking Facilities		2,900,000
Storm Water Utility		
Create Citywide Flooding Reserve	483	1,315,200
Improve Storm Water Quality	484	950,000
Improve Storm Water System	485	600,000
Improve Storm Water Waterfront Facilities	486	500,000
Reduce Neighborhood Flooding	487	1,450,000
Subtotal Storm Water Utility		4,815,200
Wastewater Utility		
Improve Wastewater Collection System	489	20,000,000
Subtotal Wastewater Utility		20,000,000
Water Utility		
Comply With Safe Drinking Water Act Amendments	491	400,000
Design and Construct 37th Street Plant	492	500,000
Implement Meter Change-Out Program	493	400,000
Improve Water Pipeline Infrastructure	494	12,000,000
Rehabilitate Reservoirs Systemwide	495	3,650,000
Upgrade Moores Bridges Water Treatment Plant	497	9,000,000
Subtotal Water Utility		25,950,000
Total Capital Improvement Plan		97,029,200



# **CIP Five - Year Plan Summary**

	FY 2017 - FY 2021 Capital Improvement Plan									
		Originally Planned	Adopted _		Planne	d				
Project Title Pag	ge	FY 2017	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total		
Accessibility, Mobility and	d Co	onnectivity	•							
Develop Bicycle, Pedestrian	443	750,000	750,000	750,000	750,000	750,000	750,000	3,750,000		
Greenways, Sharrows, and Complete Streets										
Enhance Signals and	444	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000		
Intersections										
Improve Downtown Corridor	445	100,000	100,000	100,000	100,000	100,000	100,000	500,000		
Streetscaping Repair and Maintain Bridges	446	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000		
- Minor	440	250,000	250,000	230,000	230,000	230,000	230,000	1,230,000		
Repair and Replace Bridges -	447	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000		
Major Upgrade and Expand	448	_	2,000,000	<u> </u>	<u> </u>	<u> </u>	_	2,000,000		
Broadband Infrastructure	110		2,000,000					2,000,000		
Subtotal Accessibility,		2,300,000	4,300,000	2,300,000	2,300,000	2,300,000	2,300,000	13,500,000		
Mobility and Connectivity										
Economic Vitality and Wo		I								
Continue Scope Arena Improvements (PA)	449	750,000	750,000	750,000	750,000	750,000	750,000	3,750,000		
Fund Chrysler Museum	450	850,000	850,000	850,000	850,000	850,000	-	3,400,000		
Capital Campaign Match										
Improve Cultural Facilities (PA)	451	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000		
Improve Harbor Park (PA)	452	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000		
Support Citywide Public Art	453	250,000	250,000	-	-	-	-	250,000		
<b>Subtotal Economic Vitalit</b>	у	2,600,000	2,600,000	2,350,000	2,350,000	2,350,000	1,500,000	11,150,000		
and Workforce										
Development  Fruite property   Sustainab	:1:4.	_								
Environmental Sustainab Address Street Flooding	455	T	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000		
Citywide	733	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,300,000		
Control Beach Erosion	456	790,000	955,000	955,000	955,000	955,000	955,000	4,775,000		
Improve Citywide Dredging and Waterways	457	150,000	500,000	150,000	150,000	150,000	150,000	1,100,000		
Improve HVAC Systems Citywide	458	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000		
Subtotal Environmental Sustainability		2,640,000	3,155,000	2,805,000	2,805,000	2,805,000	2,805,000	14,375,000		

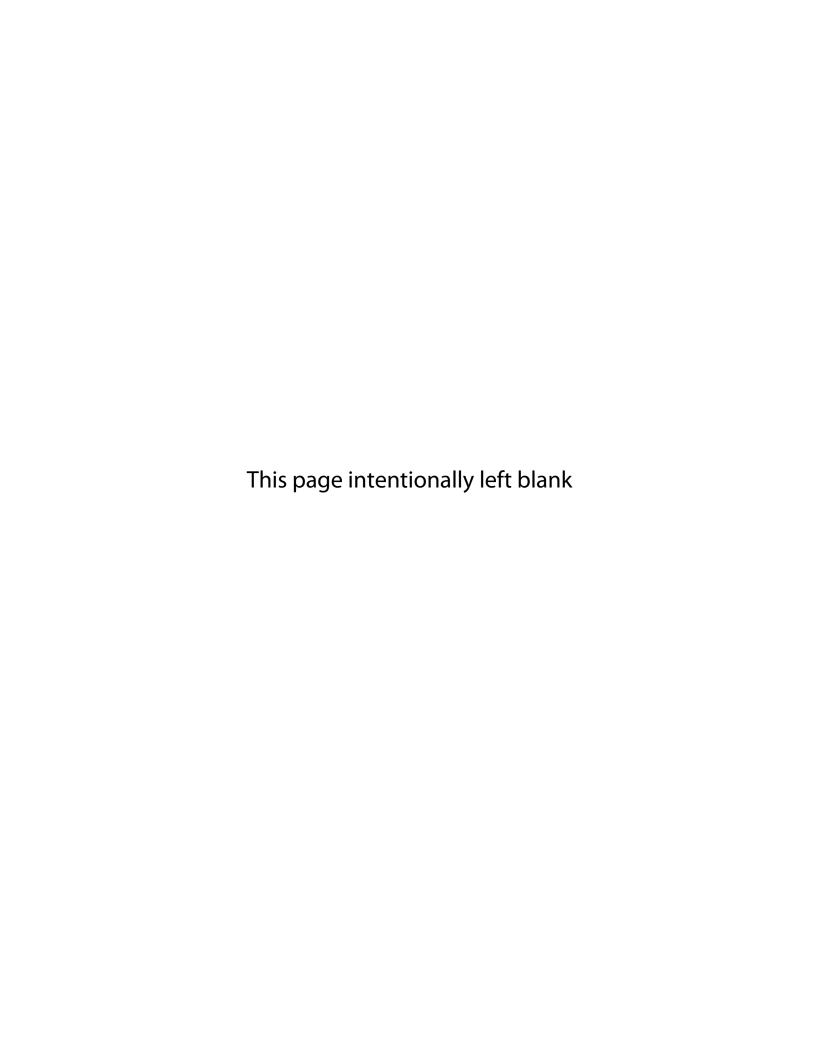
	F	Y 2017 - I	Y 2021 C	apital Imp	rovemen	t Plan		
	(	Originally Planned	Adopted		Planne	d		
Project Title Pa		FY 2017	Adopted _ FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Lifelong Learning								
Address School Major Maintenance	459	2,000,000	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000
Improve Maury High School	460	-	-	-	6,000,000	-	-	6,000,000
<b>Subtotal Lifelong Learnin</b>	ng	2,000,000	4,000,000	2,000,000	8,000,000	2,000,000	2,000,000	18,000,000
Safe, Healthy and Inclusi	ve C	ommunitie	·S					
Construct Public Safety Memorial	461	-	250,000	-	-	-	-	250,000
Ensure Citywide Infrastructure Improvements	462	-	11,600,000	-	-	-	-	11,600,000
Fund ADA Master Plan for City Facilities	463	150,000	-	150,000	150,000	150,000	150,000	600,000
Implement Neighborhood Initiatives	464	-	950,000	-	-	-	-	950,000
Implement RPOS Master Plan	465	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Improve Community and Neighborhood Parks	466	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
Improve Existing Community Centers	467	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Improve Neighborhood Streets - Major	468	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Improve Neighborhoods Citywide	469	-	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
Improve Street Lights	470	100,000	100,000	100,000	100,000	100,000	100,000	500,000
Maintain Fire Stations	471	_	1,000,000	-	-	-	-	1,000,000
Repair Neigh. Sts/Sidewalks/Walkways	472	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
Support Jail Improvements	473	-	5,400,000	1,200,000	-	-	-	6,600,000
Revitalize, Redevelop, and Conserve Neighborhoods	-	2,000,000	-	-	-	-	-	-
Subtotal Safe, Healthy ar Inclusive Communities	nd	3,750,000	23,300,000	5,450,000	4,250,000	4,250,000	4,250,000	41,500,000

FY 2017 - FY 2021 Capital Improvement Plan									
	(	Originally Planned	Adopted _		Planne	d			
Project Title Pa		FY 2017	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total	
Well-Managed Governme	ent								
Fund Preliminary Engineering	475	2,259,000	2,259,000	1,159,000	-	-	-	3,418,000	
Improve Infrastructure and Acquire Property	476	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	
Improve Roof Repair and Moisture Protection	477	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000	
Maintain Municipal Facilities (PA)	478	1,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000	
Maintain USS Wisconsin BB-64 (PA)	479	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000	
Subtotal Well-Managed Government		5,009,000	6,009,000	3,909,000	2,750,000	2,750,000	2,750,000	18,168,000	
Total General Capital		18,299,000	43,364,000	18,814,000	22,455,000	16,455,000	15,605,000	116,693,000	
Parking Facilities									
Maintain Parking Facilities	481	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000	
Subtotal Parking Facilitie	es	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000	
Storm Water Utility									
Create Citywide Flooding Reserve	483	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	6,576,000	
Improve Storm Water Quality	484	950,000	950,000	950,000	950,000	950,000	950,000	4,750,000	
Improve Storm Water System	485	600,000	600,000	600,000	600,000	600,000	600,000	3,000,000	
Improve Storm Water Waterfront Facilities	486	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000	
Reduce Neighborhood Flooding	487	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	7,250,000	
Subtotal Storm Water Ut	ility	4,815,200	4,815,200	4,815,200	4,815,200	4,815,200	4,815,200	24,076,000	

	FY 2017 - FY 2021 Capital Improvement Plan								
		Originally Planned	Adopted _						
Project Title Pa	ge		-	FY 2018	FY 2019	FY 2020	FY 2021	Total	
Wastewater Utility									
Improve Wastewater Collection System	489	17,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	100,000,000	
Subtotal Wastewater Uti	lity	17,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	100,000,000	
Water Utility									
Comply With Safe Drinking Water Act Amendments	491	100,000	400,000	300,000	1,300,000	500,000	300,000	2,800,000	
Design and Construct 37th Street Plant	492	-	500,000	500,000	500,000	2,000,000	1,000,000	4,500,000	
Implement Meter Change-Out Program	493	150,000	400,000	150,000	150,000	200,000	3,150,000	4,050,000	
Improve Water Pipeline Infrastructure	494	12,000,000	12,000,000	11,000,000	10,040,000	6,600,000	7,000,000	46,640,000	
Rehabilitate Reservoirs Systemwide	495	350,000	3,650,000	3,733,333	1,183,333	1,853,334	550,000	10,970,000	
Replace Master Meters	496	120,000	-	120,000	-	120,000	-	240,000	
Upgrade Moores Bridges Water Treatment Plant	497	3,000,000	9,000,000	5,000,000	7,000,000	7,000,000	5,000,000	33,000,000	
Upgrade Northstar Billing System	498	-	-	50,000	-	400,000	50,000	500,000	
Subtotal Water Utility		15,720,000	25,950,000	20,853,333	20,173,333	18,673,334	17,050,000	102,700,000	
Total Capital Improvement		58,734,200	97,029,200	67,382,533	70,343,533	62,843,534	60,370,200	357,969,000	

# Accessibility, Mobility and Connectivity





# Develop Bicycle, Pedestrian Greenways, Sharrows, and Complete Streets

## Department

**Public Works** 

#### Account #

4000 10 4194

#### **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☑ City Services ☐

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds to develop citywide transportation connectivity initiatives. These initiatives may include the construction of new bike and pedestrian trails, sidewalk and curb improvements, bike lane striping, and other improvements that promote the Recreation, Parks, and Open Space Master Plan and Complete Streets Initiative. The Complete Streets Initiative promotes safe access for all users including pedestrians, bicyclists, motorists, and transit users of all ages and abilities.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	750,000	750,000	750,000	750,000	750,000	3,750,000
FY 2016 Adopted	750,000	750,000	750,000	750,000	750,000	N/A	3,750,000
Estimated Operating Budget Impact	n/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	r N/A	50,000	50,000	50,000	50,000	50,000	250,000
Construction/FFE	N/A	700,000	700,000	700,000	700,000	700,000	3,500,000
Total	N/A	750,000	750,000	750,000	750,000	750,000	3,750,000

Prior Capital Funding	1,250,000
FY 2017 Adopted	750,000
Capital Share Remaining	3,000,000
Project Total	5,000,000



# **Enhance Signals and Intersections**

## Department

**Public Works** 

#### Account #

4000 10 3041

#### **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☑ City Services ☐

Educational Community 

Tourists/Visitors 

Tourists/Visitors

# **Project Description**

Provide funds for the improvement and upgrade of the traffic signal system and intersections that experience traffic congestion and traffic safety issues. Planned improvements include new signalized intersections, school flashing signals, pedestrian crossing improvements, various roadway capacity and neighborhood access improvements, and conversion to Light Emitting Diode (LED) lights.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000
FY 2016 Adopted	200,000	200,000	200,000	200,000	200,000	N/A	1,000,000
Estimated Operating Budget Impact	n/A	0	0	0	0	0	0

F	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	50,000	50,000	50,000	50,000	50,000	250,000
Construction/FFE	N/A	150,000	150,000	150,000	150,000	150,000	750,000
Total	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000

Prior Capital Funding	8,369,000
FY 2017 Adopted	200,000
Capital Share Remaining	800,000
Project Total	9,369,000



# **Improve Downtown Corridor Streetscaping**

Department

**Public Works** 

Account #

4000 10 3113

**Property Address:** 

Downtown

**Customers Served** 

Residents ☑ Business ☑ City Services ☐

Educational Community 
Tourists/Visitors

# **Project Description**

Provide funds for streetscaping and corridor improvements in the Central Business District. The scope of the project may include the installation of curbing, brick sidewalks, and paths downtown to encourage a pedestrian friendly environment.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	100,000	100,000	100,000	100,000	100,000	500,000
FY 2016 Adopted	100,000	100,000	100,000	100,000	100,000	N/A	500,000
Estimated Operating Budget Impact	y N/A	0	0	0	0	0	0

F	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	10,000	10,000	10,000	10,000	10,000	50,000
Construction/FFE	N/A	90,000	90,000	90,000	90,000	90,000	450,000
Total	N/A	100,000	100,000	100,000	100,000	100,000	500,000

Prior Capital Funding	5,162,601
FY 2017 Adopted	100,000
Capital Share Remaining	400,000
Project Total	5,662,601



# **Repair and Maintain Bridges - Minor**

Department

**Public Works** 

Account #

4000 10 3021

**Property Address:** 

Citywide

**Customers Served** 

Residents **V** Business **∑**  Educational Community 

Tourists/Visitors 

Tourists/Visitors

# **Project Description**

Provide funds for the routine minor repairs and maintenance of bridges. Repairs may include bridge coating and corrosion protection, concrete repair, joint sealing, bearing pad replacement, embankment repair, and lighting upgrades.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000
FY 2016 Adopted	250,000	250,000	250,000	250,000	250,000	N/A	1,250,000
Estimated Operating Budget Impact	g N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	er N/A	25,000	25,000	25,000	25,000	25,000	125,000
Construction/FFE	N/A	225,000	225,000	225,000	225,000	225,000	1,125,000
Total	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000

Prior Capital Funding	7,575,000
FY 2017 Adopted	250,000
Capital Share Remaining	1,000,000
Project Total	8,825,000



# **Repair and Replace Bridges - Major**

## Department

**Public Works** 

#### Account #

4000 10 3020

# **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☑ City Services ☐

Educational Community 

Tourists/Visitors 

Tourists/Visitors

# **Project Description**

Provide funds for the replacement, repair, upgrade, or demolition of key bridge structures that are in significant stages of deterioration. FY 2017 funding may be used for the design and construction of the West Ocean View Flyover bridge at the intersection of West Ocean View Drive and Tidewater Drive.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
FY 2016 Adopted	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	N/A	5,000,000
Estimated Operating Budget Impact	j N/A	0	0	0	0	0	0

F	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000
Construction/FFE	N/A	800,000	800,000	800,000	800,000	800,000	4,000,000
Total	N/A	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000

Prior Capital Funding	18,451,208
FY 2017 Adopted	1,000,000
Capital Share Remaining	4,000,000
Project Total	23,451,208



# **Upgrade and Expand Broadband Infrastructure**

## Department

Communications and Technology

#### Account #

4000 29 4225

# **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☐ City Services ☑

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds to upgrade and expand the city's institutional network (iNET) infrastructure and increase broadband accessibility. Total cost of the iNET upgrade is estimated at \$3.6 million (\$1.8 million from CIP and \$1.8 million from the equipment purchase program). The remaining \$200,000 will be used to increase access for broadband in target neighborhoods.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	2,000,000	0	0	0	0	2,000,000
FY 2016 Adopted	0	0	0	0	0	N/A	0
Estimated Operating Budget Impact	y N/A	0	0	0	0	0	0

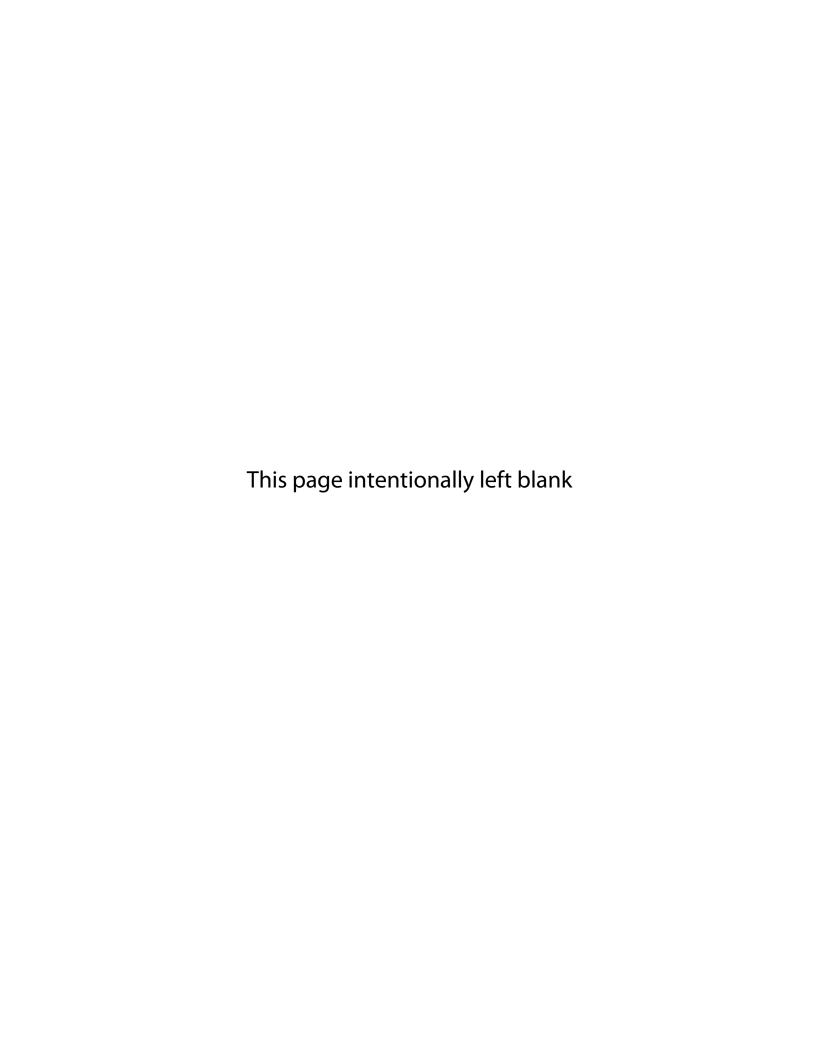
	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	10,000	0	0	0	0	10,000
Construction/FFE	N/A	1,990,000	0	0	0	0	1,990,000
Total	N/A	2,000,000	0	0	0	0	2,000,000

Prior Capital Funding	0
FY 2017 Adopted	2,000,000
Capital Share Remaining	0
Project Total	2,000,000



# Economic Vitality and Workforce Development





# **Continue Scope Arena Improvements (PA)**

(PA) funds.

# Department

Cultural Fac., Arts & Ent.

#### Account #

4000 16 3156

## **Property Address:**

201 E. Brambleton Avenue

#### **Customers Served**

Residents ☑ Business ☐ City Services ☐

Educational Community 

Tourists/Visitors 

Tourists/Visitors

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	750,000	750,000	750,000	750,000	750,000	3,750,000
FY 2016 Adopted	750,000	750,000	750,000	750,000	750,000	N/A	3,750,000
Estimated Operating Budget Impact	n/A	0	0	0	0	0	0

#### **Anticipated Project Timeline:**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	er N/A	50,000	50,000	50,000	50,000	50,000	250,000
Construction/FFE	N/A	700,000	700,000	700,000	700,000	700,000	3,500,000
Total	N/A	750,000	750,000	750,000	750,000	750,000	3,750,000

Prior Capital Funding	3,375,000
FY 2017 Adopted	750,000
Capital Share Remaining	3,000,000
Project Total	7,125,000



**Project Description**Provide funds for ongoing renovations and improvements to

Scope arena. This project is supported with public amenities

# **Fund Chrysler Museum Capital Campaign Match**

## Department

Chrysler Museum

## Account #

4000 18 3073

# **Property Address:**

245 W. Olney Road

#### **Customers Served**

Residents lacktriangle Business lacktriangle City Services lacktriangle

Educational Community 

Tourists/Visitors 

Tourists/Visitors

#### **Project Description**

Provide match funds to supplement funds raised by the Chrysler Museum for capital improvements that expands and renovates the building. The total contribution commitment is \$10.0 million. Including FY 2017, the city has contributed \$7.45 million towards the campaign.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	850,000	850,000	850,000	850,000	0	3,400,000
FY 2016 Adopted	850,000	850,000	850,000	850,000	850,000	N/A	4,250,000
Estimated Operating Budget Impact	y N/A	0	0	0	0	0	0

	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	850,000	850,000	850,000	850,000	0	3,400,000
Construction/FFE	N/A	0	0	0	0	0	0
Total	N/A	850,000	850,000	850,000	850,000	0	3,400,000

Prior Capital Funding	5,860,000
FY 2017 Adopted	850,000
Capital Share Remaining	2,550,000
Project Total	9,260,000



# **Improve Cultural Facilities (PA)**

# Department

Cultural Fac., Arts & Ent.

#### Account #

4000 16 4098

# **Property Address:**

Citywide

## **Customers Served**

Residents ☑ Business ☑ City Services ☐

Educational Community ☐ Tourists/Visitors ☑

#### **Project Description**

Provide funds for general improvements and renovation to cultural facilities. Improvements will increase and enhance the cultural experience of visitors and residents. This project is supported with public amenities funds.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000
FY 2016 Adopted	250,000	250,000	250,000	250,000	250,000	N/A	1,250,000
Estimated Operating Budget Impact	y N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	25,000	25,000	25,000	25,000	25,000	125,000
Construction/FFE	N/A	225,000	225,000	225,000	225,000	225,000	1,125,000
Total	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000

Prior Capital Funding	3,248,000
FY 2017 Adopted	250,000
Capital Share Remaining	1,000,000
Project Total	4,498,000



# **Improve Harbor Park (PA)**

## Department

Cultural Fac., Arts & Ent.

#### Account #

4000 16 4206

#### **Property Address:**

150 Park Avenue

#### **Customers Served**

Residents ☑ Business ☐ City Services ☐

Educational Community 

Tourists/Visitors 

V

#### **Project Description**

Provide funds for ongoing upgrades and maintenance at Harbor Park to enhance the facility and improve visitor experience. The park was built in 1993 and features 9,000 lower deck seats, 2,800 upper deck seats, and 400 seats in 24 luxury skyboxes leased to area businesses. The total contribution commitment is \$3.0 million. Including FY 2017, the city has contributed \$1.5 million towards the stadium lease agreement. This project is supported with public amenities funds.

#### **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000
FY 2016 Adopted	0	500,000	500,000	500,000	500,000	N/A	2,000,000
Estimated Operating	) N/A	0	0	0	0	0	0

F	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	50,000	50,000	50,000	50,000	50,000	250,000
Construction/FFE	N/A	450,000	450,000	450,000	450,000	450,000	2,250,000
Total	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000

Prior Capital Funding	500,000
FY 2017 Adopted	500,000
Capital Share Remaining	2,000,000
Project Total	3,000,000



# **Support Citywide Public Art**

# Department

Cultural Fac., Arts & Ent.

#### Account #

4000 16 4166

# **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☑ City Services ☐

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds to continue the citywide Public Art Program established by the Council in FY 2006. The Public Art Program strives to provide enduring, impactful artwork in Norfolk reflecting the city's cultural identities, that also challenges, delights, educates, beautifies, and gives character to our public spaces.

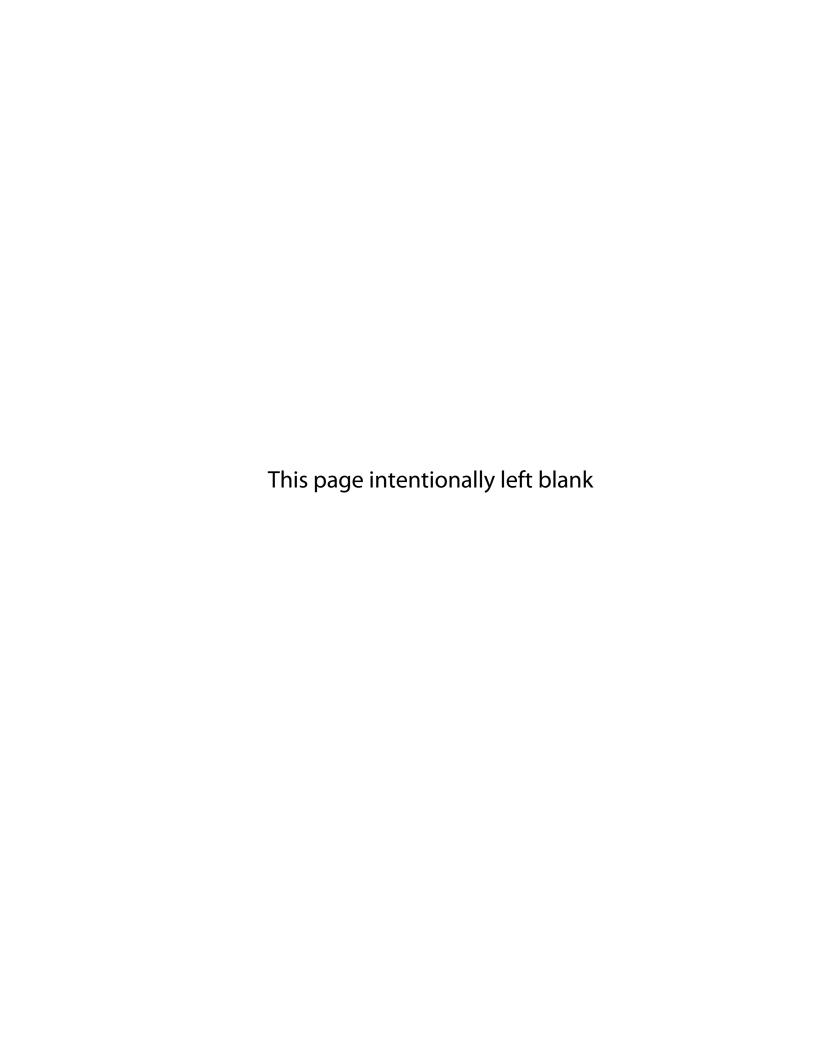
# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	250,000	0	0	0	0	250,000
FY 2016 Adopted	250,000	250,000	0	0	0	N/A	500,000
Estimated Operating	j N/A	0	0	0	0	0	0

F	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	0	0	0	0	0	0
Construction/FFE	N/A	250,000	0	0	0	0	250,000
Total	N/A	250,000	0	0	0	0	250,000

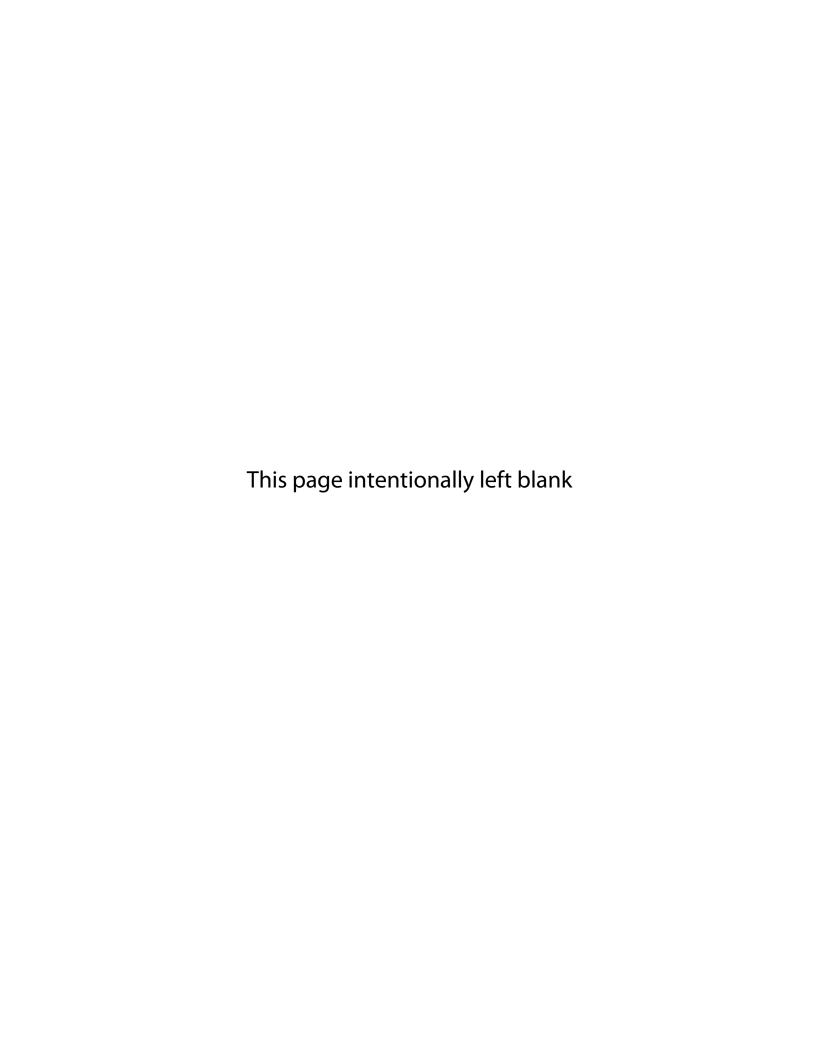
Prior Capital Funding	750,000
FY 2017 Adopted	250,000
Capital Share Remaining	0
Project Total	1,000,000





# **Environmental Sustainability**





# **Address Street Flooding Citywide**

Department

**Public Works** 

Account #

4000 10 4101

**Property Address:** 

Citywide

**Customers Served** 

Residents ☑ Business ☑ City Services ☑

Educational Community V Tourists/Visitors V

#### **Project Description**

Provide funds to address street flooding issues throughout the city. These projects supplement the Storm Water projects. Additionally, these projects may also correct minor to moderate resident flooding concerns that are compiled by the Department of Public Works and addressed systematically as funding becomes available.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
FY 2016 Adopted	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	N/A	7,500,000
Estimated Operating Budget Impact	y N/A	0	0	0	0	0	0

F	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	150,000	150,000	150,000	150,000	150,000	750,000
Construction/FFE	N/A	1,350,000	1,350,000	1,350,000	1,350,000	1,350,000	6,750,000
Total	N/A	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000

Prior Capital Funding	12,200,000
FY 2017 Adopted	1,500,000
Capital Share Remaining	6,000,000
Project Total	19,700,000



#### **Control Beach Erosion**

#### Department

City Planning & Comm. Dev.

#### Account #

4000 15 3049

# **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☐ City Services ☐

Educational Community 

Tourists/Visitors 

V

#### **Project Description**

Provide funds for shoreline erosion control structures, shoreline modeling, annual wave gauge maintenance, sand replenishment, dune maintenance, repair and re-vegetation, and continuation of the biennial beach survey. The Army Corps of Engineers is performing a \$38.4 million beach nourishment project in Willoughby Spit and the surrounding areas. The project will help repair the shoreline and protect it from future storms. Beginning in FY 2017, the city's share of the project is \$464,400 per year for a total of \$9.2 million over 30 years.

#### **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	955,000	955,000	955,000	955,000	955,000	4,775,000
FY 2016 Adopted	500,000	790,000	790,000	790,000	790,000	N/A	3,660,000
Estimated Operating Budget Impact	y N/A	0	0	0	0	0	0

F	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000
Construction/FFE	N/A	755,000	755,000	755,000	755,000	755,000	3,775,000
Total	N/A	955,000	955,000	955,000	955,000	955,000	4,775,000

Prior Capital Funding	30,073,500
FY 2017 Adopted	955,000
Capital Share Remaining	3,820,000
Project Total	34,848,500



# **Improve Citywide Dredging and Waterways**

#### Department

**Public Works** 

#### Account #

4000 10 3080

#### **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☐ City Services ☐

Educational Community ☐ Tourists/Visitors ▼

#### **Project Description**

Provide funds for the dredging and improvement of waterways and adjacent shorelines. FY 2017 funding includes support to address the West Belvedere and Regent Roads dredging projects.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	500,000	150,000	150,000	150,000	150,000	1,100,000
FY 2016 Adopted	350,000	150,000	150,000	150,000	150,000	N/A	950,000
Estimated Operating Budget Impact	y N/A	0	0	0	0	0	0

F	2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	50,000	15,000	15,000	15,000	15,000	110,000
Construction/FFE	N/A	450,000	135,000	135,000	135,000	135,000	990,000
Total	N/A	500.000	150.000	150,000	150.000	150.000	1,100,000

Prior Capital Funding	4,460,000
FY 2017 Adopted	500,000
Capital Share Remaining	600,000
Project Total	5,560,000



# **Improve HVAC Systems Citywide**

#### Department

**General Services** 

#### Account #

4000 44 3196

#### **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☐ City Services ☑

Educational Community 

Tourists/Visitors 

Tourists/Visitors

#### **Project Description**

Provide funds for the repair or replacement of outdated or inefficient heating, ventilation and air conditioning (HVAC) systems in various facilities. Phase I of a comprehensive building assessment study was completed in FY 2016 and identified areas for chiller and induction unit improvements. Phase II of the study will begin in FY 2017 to include a comprehensive review of the citywide building infrastructure.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000
FY 2016 Adopted	200,000	200,000	200,000	200,000	200,000	N/A	1,000,000
Estimated Operating Budget Impact	g N/A	0	0	0	0	0	0

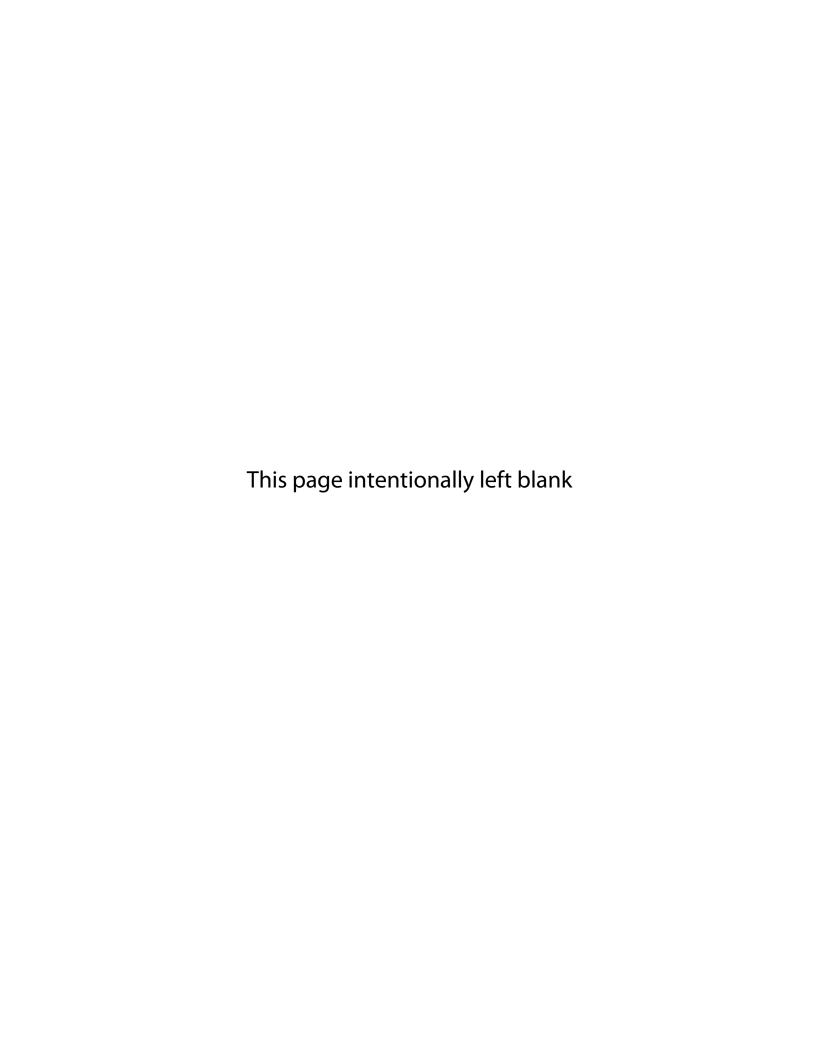
F	<b>/ 2016</b>	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	0	0	0	0	0	0
Construction/FFE	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000
Total	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000

Prior Capital Funding	4,725,000
FY 2017 Adopted	200,000
Capital Share Remaining	800,000
Project Total	5,725,000



# **Lifelong Learning**





# **Address School Major Maintenance**

#### Department

Executive

#### Account #

4000 02 3193

# **Property Address:**

Citywide

#### **Customers Served**

Residents 

■ Business 

□ City Services 

□

Educational Community 
▼ Tourists/Visitors 
□

# **Project Description**

Provide support for major maintenance and repair to school facilities. Expenditures in this category help preserve the life of buildings, perform major preventative maintenance and undertake significant repairs. Each year, prior to the distribution of funds, Norfolk Public Schools shall provide a list of planned projects, as well as the results of the prior year's efforts.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	<b>TOTAL</b>
FY 2017 Adopted	N/A	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000
FY 2016 Adopted	3,750,000	2,000,000	2,000,000	2,000,000	2,000,000	N/A	11,750,000
Estimated Operating Budget Impact	j N/A	0	0	0	0	0	0

F	<b>/ 2016</b>	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	0	0	0	0	0	0
Construction/FFE	N/A	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000
Total	N/A	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000

Prior Capital Funding	27,550,000
FY 2017 Adopted	4,000,000
Capital Share Remaining	8,000,000
Project Total	39,550,000



# **Improve Maury High School**

# Department

Executive

#### Account #

N/A

#### **Property Address:**

322 Shirley Avenue

#### **Customers Served**

Residents ☑ Business ☐ City Services ☐

Educational Community 

Tourists/Visitors

# **Project Description**

Provide Funds for Maury High School exterior repair and rehabilitation. Built in 1911, the school is one of many historically significant buildings throughout the city. Planned funds in FY 2019 will provide for extensive repairs to the exterior masonry and windows. Prior to the exterior renovations, work will be done to determine the extent of other renovations required to the building, including interior and structural rehabilitation.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	0	0	6,000,000	0	0	6,000,000
FY 2016 Adopted	0	0	0	6,000,000	0	N/A	6,000,000
Estimated Operating Budget Impact	g N/A	0	0	0	0	0	0

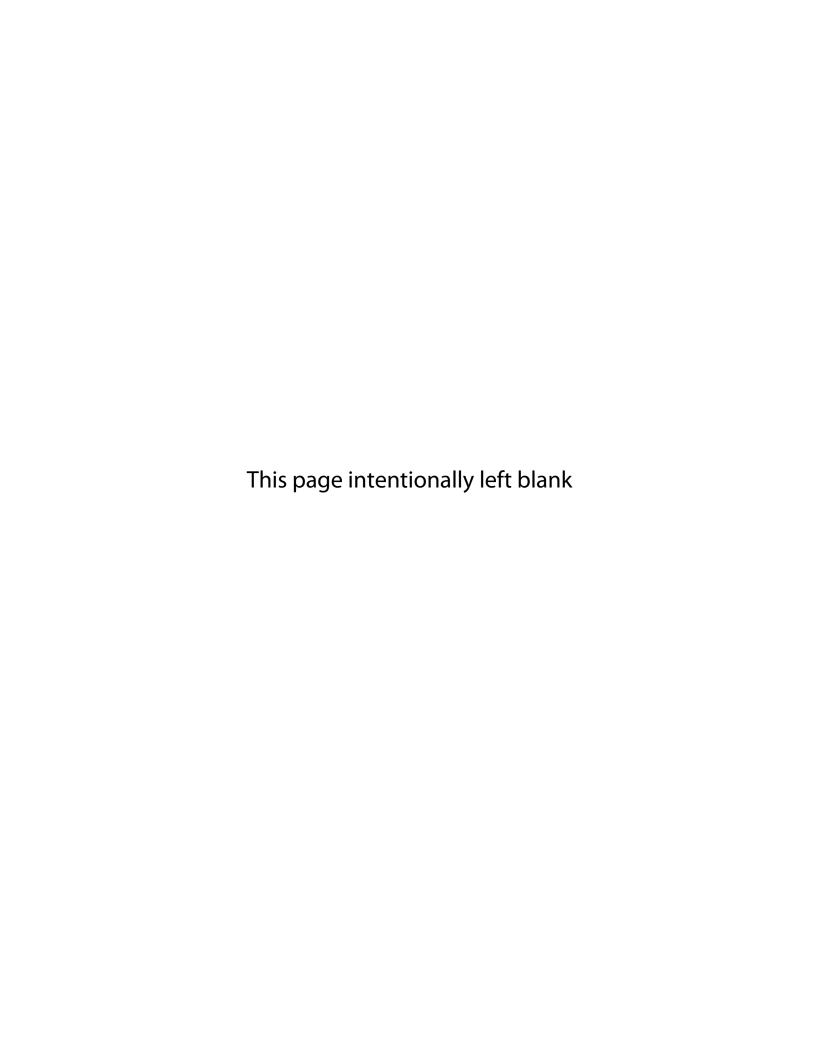
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	r N/A	0	0	500,000	0	0	500,000
Construction/FFE	N/A	0	0	5,500,000	0	0	5,500,000
Total	N/A	0	0	6,000,000	0	0	6,000,000

Prior Capital Funding	0
FY 2017 Adopted	0
Capital Share Remaining	6,000,000
Project Total	6,000,000



# Safe, Healthy and Inclusive Communities





# **Construct Public Safety Memorial**

Department

**Project Description** 

Executive

Provide funds for the construction of a memorial to honor public safety officers who died in the line of duty.

Account #

4000 02 4229

Property Address:

Downtown

**Customers Served** 

Residents ☑ Business ☑ City Services ☑

Educational Community 

Tourists/Visitors

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	250,000	0	0	0	0	250,000
FY 2016 Adopted	0	0	0	0	0	N/A	0
Estimated Operating Budget Impact	y N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	0	0	0	0	0	0
Construction/FFE	N/A	250,000	0	0	0	0	250,000
Total	N/A	250,000	0	0	0	0	250,000

Prior Capital Funding	0
FY 2017 Adopted	250,000
Capital Share Remaining	0
Project Total	250,000



# **Ensure Citywide Infrastructure Improvements**

#### Department

**Public Works** 

#### Account #

4000 10 4226

# **Property Address:**

Citywide

#### **Customers Served**

Residents **V** Business  $\square$ 

City Services

Educational Community 

Tourists/Visitors 

Tourists/Visitors

#### **Project Description**

Provide funds to improve citywide infrastructure and neighborhoods. The project is supported with urban allocation funds of \$11.6 million from the Commonwealth of Virginia. Anticipated work includes \$3.5 million for Granby Street bridge infrastructure improvements and \$8.1 million for citywide neighborhood pedestrian improvements.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	<b>TOTAL</b>
FY 2017 Adopted	N/A	11,600,000	0	0	0	0	11,600,000
FY 2016 Adopted	0	0	0	0	0	N/A	0
Estimated Operating Budget Impact	n/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	1,160,000	0	0	0	0	1,160,000
Construction/FFE	N/A	10,440,000	0	0	0	0	10,440,000
Total	N/A	11,600,000	0	0	0	0	11.600.000

Prior Capital Funding	0
FY 2017 Adopted	11,600,000
Capital Share Remaining	0
Project Total	11,600,000



# **Fund ADA Master Plan for City Facilities**

#### Department

**General Services** 

#### Account #

4000 44 3070

#### **Property Address:**

Citywide

#### **Customers Served**

Residents **☑** Business **☑** 

City Services 

✓

Educational Community

Tourists/Visitors **v** 

#### **Project Description**

Provide funds for improvements at city facilities to accommodate the needs of persons with disabilities. The Americans with Disabilities Act (ADA) requires ongoing attention to the access needs of the disabled. These improvements may include restroom configuration, signage, entrances, curb cuts, access ramps, benches, water fountains, service desks, seating, and other equipment to improve accessibility. In FY 2017, these improvements will be completed using Community Development Block Grant (CDBG) funds.

#### **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	0	150,000	150,000	150,000	150,000	600,000
FY 2016 Adopted	150,000	150,000	150,000	150,000	150,000	N/A	750,000
Estimated Operating Budget Impact	g N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	0	15,000	15,000	15,000	15,000	60,000
Construction/FFE	N/A	0	135,000	135,000	135,000	135,000	540,000
Total	N/A	0	150,000	150,000	150,000	150,000	600,000

Prior Capital Funding	3,210,000
FY 2017 Adopted	0
Capital Share Remaining	600,000
Proiect Total	3,810,000



# **Implement Neighborhood Initiatives**

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Executive

#### Account #

4000 02 4227

## **Property Address:**

Citywide

#### **Customers Served**

Residents **☑** Business **□** 

City Services

Educational Community

Tourists/Visitors

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	950,000	0	0	0	0	950,000
FY 2016 Adopted	0	0	0	0	0	N/A	0
Estimated Operating Budget Impact	n/A	0	0	0	0	0	0

#### **Anticipated Project Timeline:**

F	<b>/</b> 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	0	0	0	0	0	0
Construction/FFE	N/A	950,000	0	0	0	0	950,000
Total	N/A	950,000	0	0	0	0	950,000

Prior Capital Funding	0
FY 2017 Adopted	950,000
Capital Share Remaining	0
Project Total	950,000



**Project Description**Provide funds for neighborhood improvement projects that

will target areas such as Huntersville, Barraud Park, Pinewell,

Ocean View, Ghent, Chelsea neighborhoods, and others.

# **Implement RPOS Master Plan**

#### Department

Recreation/Parks and Open Space

#### Account #

4000 78 4190

# **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☑ City Services ☑

Educational Community 
Tourists/Visitors

#### **Project Description**

Implement the Recreation Parks and Open Space (RPOS) Master Plan. This plan serves as a guiding vision for parks and recreation facilities. The plan includes projects to be phased in over a 20-year period. Highlights of the plan may include the improvements to parks, tennis courts, and athletic fields.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000
FY 2016 Adopted	600,000	500,000	500,000	500,000	500,000	N/A	2,600,000
Estimated Operating	j N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	er N/A	45,000	45,000	45,000	45,000	45,000	225,000
Construction/FFE	N/A	455,000	455,000	455,000	455,000	455,000	2,275,000
Total	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000

Prior Capital Funding	3,100,000
FY 2017 Adopted	500,000
Capital Share Remaining	2,000,000
Project Total	5,600,000



# **Improve Community and Neighborhood Parks**

# Department

Recreation/Parks and Open Space

#### Account #

4000 78 3004

## **Property Address:**

Citywide

#### **Customers Served**

Residents 

■ Business 

□ City Services 

□

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds to improve and upgrade amenities within community parks around the city such as playgrounds and playing fields.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000
FY 2016 Adopted	500,000	250,000	250,000	250,000	250,000	N/A	1,500,000
Estimated Operating Budget Impact	g N/A	0	0	0	0	0	0

F	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	15,000	15,000	15,000	15,000	15,000	75,000
Construction/FFE	N/A	235,000	235,000	235,000	235,000	235,000	1,175,000
Total	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000

Prior Capital Funding	4,715,000
FY 2017 Adopted	250,000
Capital Share Remaining	1,000,000
Project Total	5,965,000



# **Improve Existing Community Centers**

# Department

Recreation/Parks and Open Space

#### Account #

4000 78 3000

#### **Property Address:**

Citywide

#### **Customers Served**

Residents **V** Business  $\square$ 

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds for improvements to entranceways, landscaping, and interior and exterior renovations. Planned work will enhance the appearance, serviceability, and safety at various recreation centers throughout the city.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000
FY 2016 Adopted	450,000	200,000	200,000	200,000	200,000	N/A	1,250,000
Estimated Operating	j N/A	0	0	0	0	0	0

F	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	15,000	15,000	15,000	15,000	15,000	75,000
Construction/FFE	N/A	185,000	185,000	185,000	185,000	185,000	925,000
Total	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000

Prior Capital Funding	3,450,000
FY 2017 Adopted	200,000
Capital Share Remaining	800,000
Project Total	4,450,000



# **Improve Neighborhood Streets - Major**

#### Department

**Public Works** 

#### Account #

4000 10 3031

# **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☐ City Services ☐

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds for the installation of new curbs, gutters, sidewalks, resurfacing, and drainage improvements in various neighborhood locations in accordance with prioritized needs and the city's Complete Streets Initiative. The Complete Streets Initiative promotes safe access for all users including pedestrians, bicyclists, motorists, and transit users of all ages and abilities.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	300,000	300,000	300,000	300,000	300,000	1,500,000
FY 2016 Adopted	600,000	300,000	300,000	300,000	300,000	N/A	1,800,000
Estimated Operating Budget Impact	n/A	0	0	0	0	0	0

	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	30,000	30,000	30,000	30,000	30,000	150,000
Construction/FFE	N/A	270,000	270,000	270,000	270,000	270,000	1,350,000
Total	N/A	300,000	300,000	300,000	300,000	300,000	1,500,000

Prior Capital Funding	9,171,000
FY 2017 Adopted	300,000
Capital Share Remaining	1,200,000
Project Total	10,671,000



# **Improve Neighborhoods Citywide**

#### Department

Executive

#### Account #

4000 02 4223

# **Property Address:**

Citywide

#### **Customers Served**

Residents □ Business □ City Services ☑

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds for the improvement of emerging neighborhoods throughout the city. The project will support select emerging neighborhoods such as the Arts District, Parkplace/35th Street, Five Points, Church Street, and Ocean View including Bay Oaks Park. Activities may include the acquisition of blighted properties, renovations, and improvements that help to revitalize neighborhoods.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
FY 2016 Adopted	0	0	0	0	0	N/A	0
Estimated Operating	j N/A	0	0	0	0	0	0

	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Construction/FFE	N/A	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Total	N/A	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000

Prior Capital Funding	0
FY 2017 Adopted	2,500,000
Capital Share Remaining	10,000,000
Project Total	12,500,000



# **Improve Street Lights**

# Department

**Public Works** 

#### Account #

4000 10 3024

# **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☑ City Services ☐

Educational Community 

Tourists/Visitors 

Tourists/Visitors

#### **Project Description**

Provide funds to improve the street lighting infrastructure system and help improve public safety through special projects, infrastructure expansion, and repair programs for and conversion of street lights.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	100,000	100,000	100,000	100,000	100,000	500,000
FY 2016 Adopted	100,000	100,000	100,000	100,000	100,000	N/A	500,000
Estimated Operating Budget Impact	y N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	0	0	0	0	0	0
Construction/FFE	N/A	100,000	100,000	100,000	100,000	100,000	500,000
Total	N/A	100,000	100,000	100,000	100,000	100,000	500,000

Prior Capital Funding	2,363,500
FY 2017 Adopted	100,000
Capital Share Remaining	400,000
Project Total	2,863,500



#### **Maintain Fire Stations**

Department

**General Services** 

Account #

4000 44 4224

**Property Address:** 

Citywide

**Customers Served** 

Residents **V** Business **☑** 

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds to maintain fire station dormitories, aprons, and air filtration systems. Improvements may include privacy partitioning, bathroom renovations, driveways (apron) repairs, and diesel exhaust filtration systems replacement. Planned projects will impact all fire stations.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	1,000,000	0	0	0	0	1,000,000
FY 2016 Adopted	0	0	0	0	0	N/A	0
Estimated Operating Budget Impact	g N/A	0	0	0	0	0	0

F	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	50,000	0	0	0	0	50,000
Construction/FFE	N/A	950,000	0	0	0	0	950,000
Total	N/A	1,000,000	0	0	0	0	1,000,000

Prior Capital Funding	0
FY 2017 Adopted	1,000,000
Capital Share Remaining	0
Project Total	1,000,000



# Repair Neigh. Sts/Sidewalks/Walkways

#### Department

**Public Works** 

#### Account #

4000 10 3030

# **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☐ City Services ☐

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds for the repair or rehabilitation of streets, sidewalks, curbs, gutters, promenades, street pavements, and walkways throughout neighborhoods, in accordance with the city's Complete Streets Initiative. The Complete Streets Initiative promotes safe access for all users including pedestrians, bicyclists, motorists, and transit users of all ages and abilities.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000
FY 2016 Adopted	500,000	250,000	250,000	250,000	250,000	N/A	1,500,000
Estimated Operating Budget Impact	g N/A	0	0	0	0	0	0

	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	25,000	25,000	25,000	25,000	25,000	125,000
Construction/FFE	N/A	225,000	225,000	225,000	225,000	225,000	1,125,000
Total	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000

Prior Capital Funding	12,955,000
FY 2017 Adopted	250,000
Capital Share Remaining	1,000,000
Project Total	14,205,000



# **Support Jail Improvements**

# Department

**General Services** 

#### Account #

4000 44 4228

## **Property Address:**

811 E. City Hall Ave

#### **Customers Served**

Residents **V** Business  $\square$  Educational Community 

Tourists/Visitors

# **Project Description**

Provide funds for jail improvement projects, including security surveillance system replacement, windows, and general maintenance. The jail's door controller, camera, and recording system will be replaced. This system is the primary security surveillance system used in the jail.

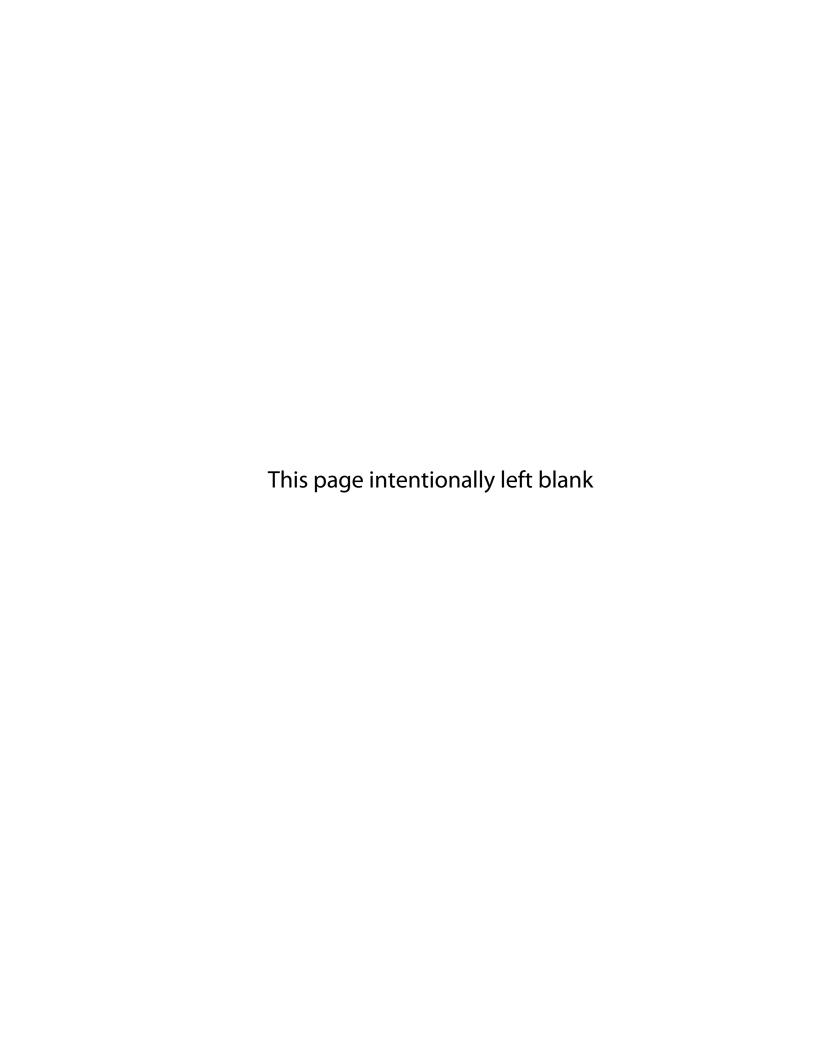
# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	5,400,000	1,200,000	0	0	0	6,600,000
FY 2016 Adopted	0	0	0	0	0	N/A	0
Estimated Operating Budget Impact	g N/A	0	0	0	0	0	0

F	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	270,000	70,000	0	0	0	340,000
Construction/FFE	N/A	5,130,000	930,000	200,000	0	0	6,260,000
Total	N/A	5,400,000	1,000,000	200,000	0	0	6,600,000

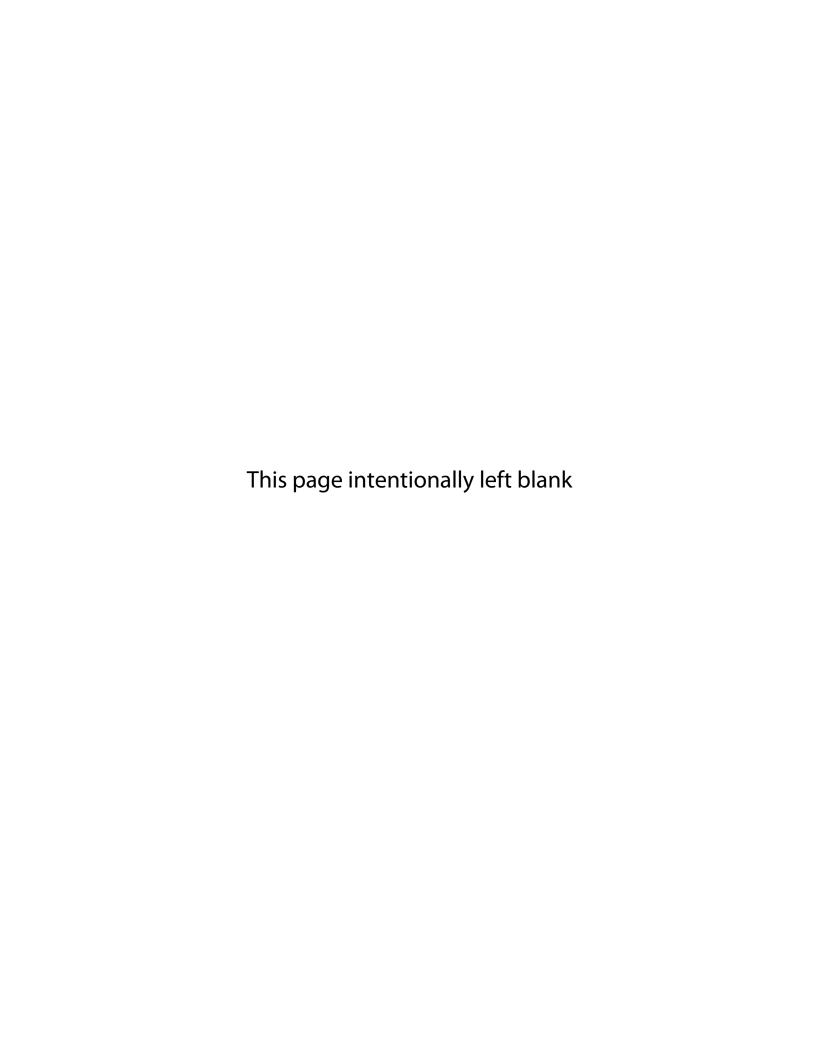
Prior Capital Funding	0
FY 2017 Adopted	5,400,000
Capital Share Remaining	1,200,000
Project Total	6,600,000





# **Well-Managed Government**





# **Fund Preliminary Engineering**

#### Department

**Public Works** 

#### Account #

4000 10 3100

#### **Property Address:**

Citywide

#### **Customers Served**

Residents 

Business

City Services **▼** 

Tourists/Visitors ▼

#### **Project Description**

Provide funds for the preliminary design work, engineering and support services within the Department of Public Works for major capital projects. By internally supporting these services with city staff, a cost savings is achieved by retaining firsthand knowledge and expertise of project completion while adhering to city's policy areas. Preliminary Engineering will be phased out of the CIP over the next two fiscal years. In FY 2018, support for Preliminary Engineering is split between the General Fund Operating and the CIP. In FY 2019, total support will be provided by the General Fund.

#### **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	2,259,000	1,159,000	0	0	0	3,418,000
FY 2016 Adopted	3,359,000	2,259,000	1,159,000	0	0	N/A	6,777,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

F	<b>/ 2016</b>	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	2,259,000	1,159,000	0	0	0	3,418,000
Construction/FFE	N/A	0	0	0	0	0	0
Total	N/A	2,259,000	1,159,000	0	0	0	3,418,000

Prior Capital Funding	36,410,882
FY 2017 Adopted	2,259,000
Capital Share Remaining	1,159,000
Project Total	39,828,882



# **Improve Infrastructure and Acquire Property**

# Department

Executive

## **Project Description**

Provide funds to address various infrastructure, disposition, and acquisition needs, as they arise.

#### Account #

4000 02 3174

# **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☐ City Services ☐

Educational Community 

Tourists/Visitors

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
FY 2016 Adopted	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	N/A	5,000,000
Estimated Operating Budget Impact	j N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	r N/A	100,000	100,000	100,000	100,000	100,000	500,000
Construction/FFE	N/A	900,000	900,000	900,000	900,000	900,000	4,500,000
Total	N/A	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000

Prior Capital Funding	10,200,000
FY 2017 Adopted	1,000,000
Capital Share Remaining	4,000,000
Project Total	15,200,000



# **Improve Roof Repair and Moisture Protection**

#### Department

**General Services** 

#### Account #

4000 44 3025

# **Property Address:**

Citywide

#### **Customers Served**

Residents **V** Business  $\square$  City Services **☑** 

Educational Community 

Tourists/Visitors 

Tourists/Visitors

#### **Project Description**

Provide funds for moisture protection, continued inspection, repair, and replacement of roofs on city-owned buildings. Planned activities include the repair or replacement of roofs at libraries, cultural facilities, recreational facilities, and other city buildings. These funds also support citywide emergencies, inspections, and design costs.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000
FY 2016 Adopted	250,000	250,000	250,000	250,000	250,000	N/A	1,250,000
Estimated Operating Budget Impact	y N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	r N/A	0	0	0	0	0	0
Construction/FFE	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000
Total	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000

Prior Capital Funding	11,583,300
FY 2017 Adopted	250,000
Capital Share Remaining	1,000,000
Project Total	12,833,300



# **Maintain Municipal Facilities (PA)**

#### Department

**General Services** 

#### Account #

4000 44 3006

#### **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☐ City Services ☑

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds to renovate and improve civic buildings, office space, and other city-owned facilities. Phase I of a comprehensive building assessment study was completed last year to help prioritize the repair of city building infrastructure. Phase II of the study is currently underway and will identify additional infrastructure needs. FY 2017 also includes \$1.0 million from public amenities funding to address Town Point Park drainage issues.

#### **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
FY 2016 Adopted	3,000,000	1,000,000	1,000,000	1,000,000	1,000,000	N/A	7,000,000
Estimated Operating Budget Impact	j N/A	0	0	0	0	0	0

F	<b>/ 2016</b>	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	550,000	100,000	100,000	100,000	100,000	950,000
Construction/FFE	N/A	1,450,000	900,000	900,000	900,000	900,000	5,050,000
Total	N/A	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000

Prior Capital Funding	14,218,246
FY 2017 Adopted	2,000,000
Capital Share Remaining	4,000,000
Project Total	20,218,246



#### **Maintain USS Wisconsin BB-64 (PA)**

#### Department

Maritime Center

#### Account #

4000 37 4178

#### **Property Address:**

1 Waterside Drive

#### **Customers Served**

Residents 

■ Business 

□ City Services 

□

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds for the improvements, maintenance, and long-term upkeep of the USS Wisconsin. Funding may include improvements to interior spaces, maintenance, and repair needs to the battleship; cleaning, repair, and painting of the hull; accessibility improvements for doors and egress; anti-corrosion applications above water; equipment and systems improvements; and required environmental testing.

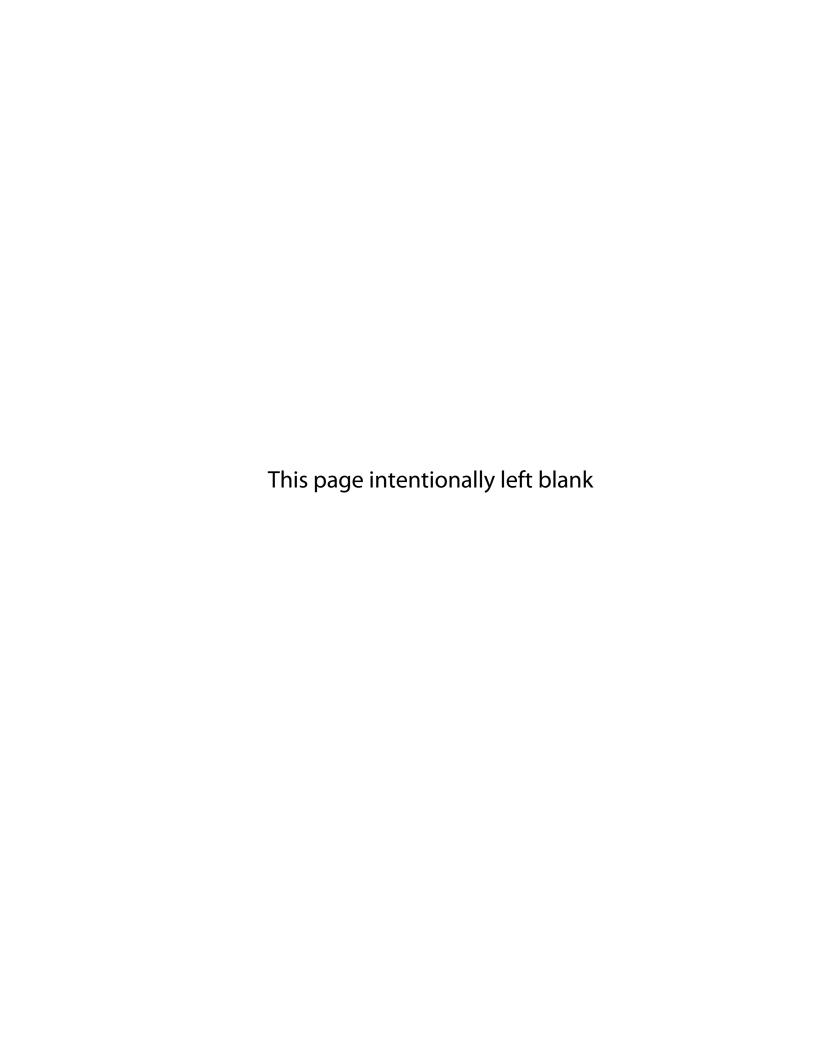
# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000
FY 2016 Adopted	500,000	500,000	500,000	500,000	500,000	N/A	2,500,000
Estimated Operating Budget Impact	y N/A	0	0	0	0	0	0

F	<b>/ 2016</b>	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	0	0	0	0	0	0
Construction/FFE	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000

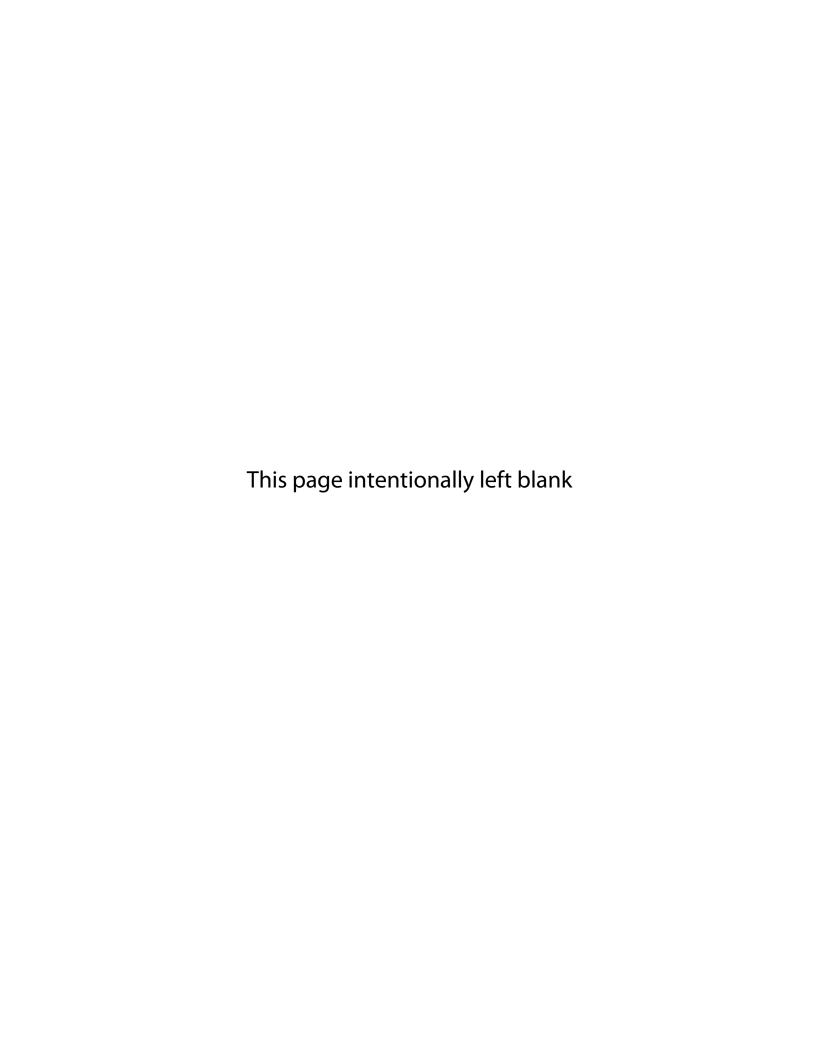
Prior Capital Funding	2,250,000
FY 2017 Adopted	500,000
Capital Share Remaining	2,000,000
Project Total	4,750,000





# **Parking Facilities**





# **Maintain Parking Facilities**

## Department

**Parking Facilities** 

#### Account #

5100 38 4180

## **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☑ City Services ☐

Educational Community 

Tourists/Visitors 

V

#### **Project Description**

Provide funds for the long-term maintenance of city parking facilities. Long-term improvement projects may include structural and ventilation improvements for city parking facilities.

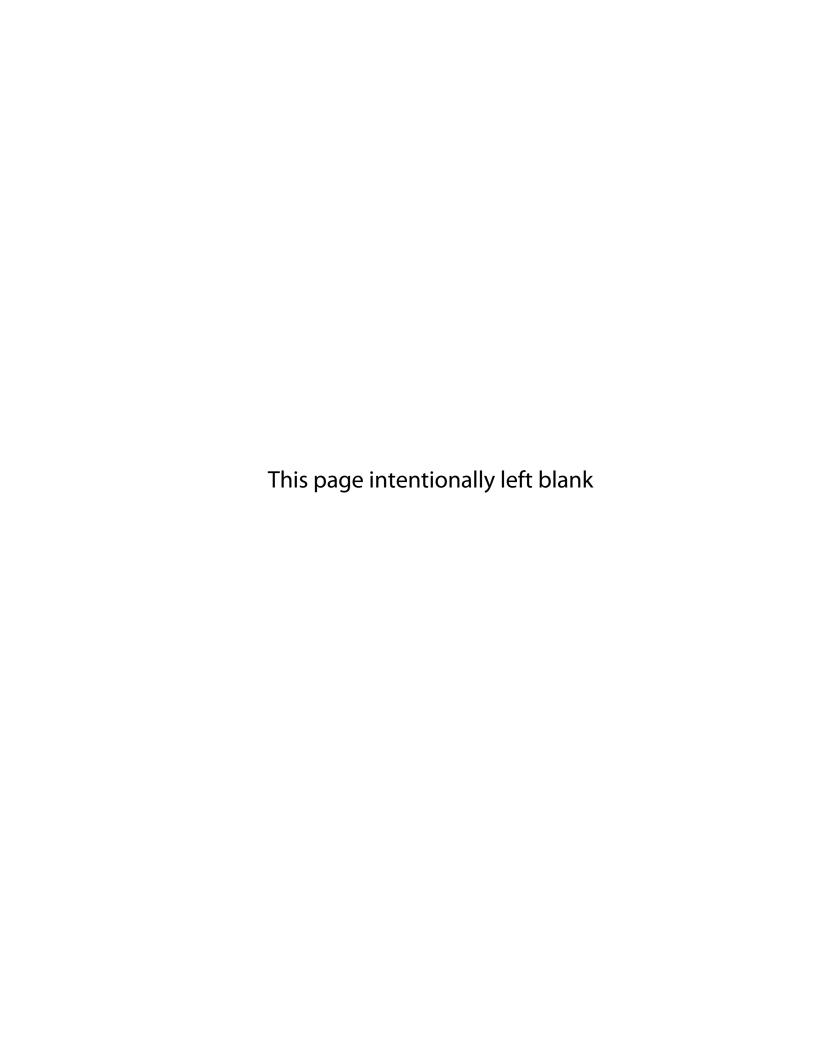
# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000
FY 2016 Adopted	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	N/A	14,500,000
Estimated Operating Budget Impact	j N/A	0	0	0	0	0	0

F	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	300,000	300,000	300,000	300,000	300,000	1,500,000
Construction/FFE	N/A	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	13,000,000
Total	N/A	2.900.000	2.900.000	2.900.000	2.900.000	2.900.000	14.500.000

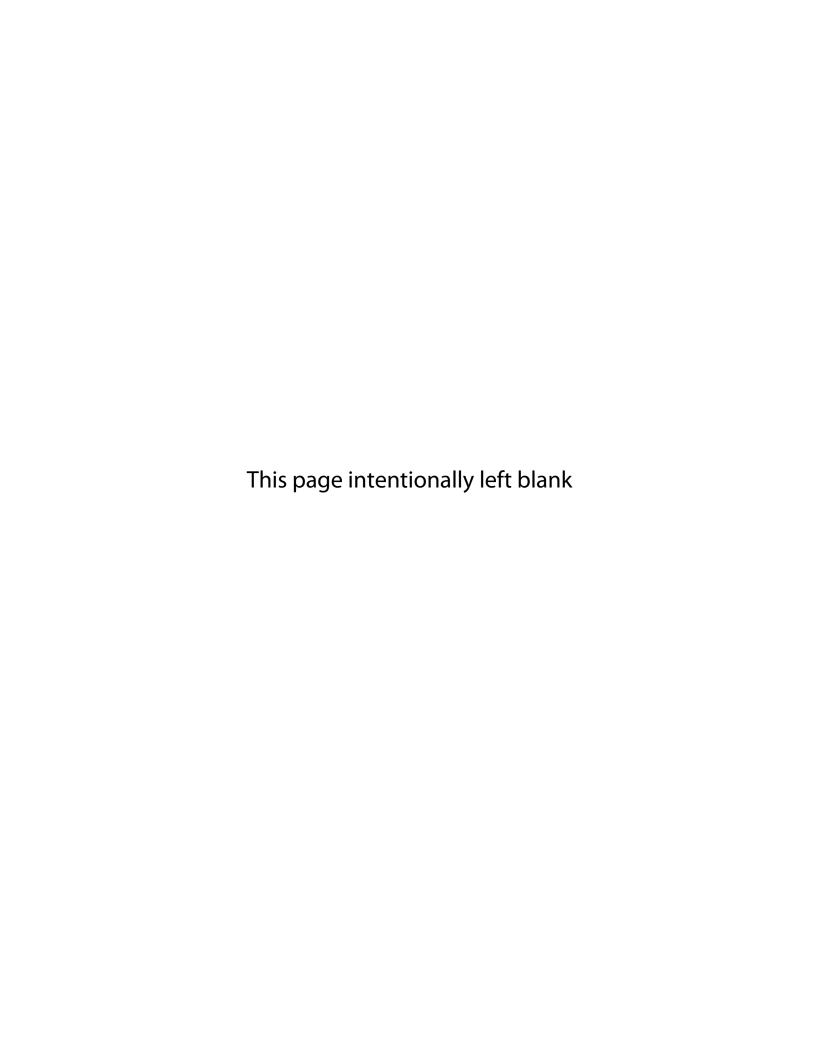
Prior Capital Funding	9,700,000
FY 2017 Adopted	2,900,000
Capital Share Remaining	11,600,000
Project Total	24,200,000





# **Storm Water Utility**





# **Create Citywide Flooding Reserve**

## Department

**Storm Water Utility** 

#### Account #

4000 35 4188

## **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☑ City Services ☑

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds to create a citywide flooding reserve in preparation for the broad citywide flooding control project. This project is being funded by the \$1.00 Storm Water fee increase approved in FY 2013. Funding will be reserved to support the city's efforts in flood mitigation.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	6,576,000
FY 2016 Adopted	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	N/A	6,576,000
Estimated Operating	N/A	0	0	0	0	0	0

FY	2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	6,576,000
Construction/FFE	N/A	0	0	0	0	0	0
Total	N/A	1,315,200	1.315.200	1.315.200	1.315.200	1.315.200	6.576.000

Prior Capital Funding	5,260,800
FY 2017 Adopted	1,315,200
Capital Share Remaining	5,260,800
Project Total	11,836,800



# **Improve Storm Water Quality**

## Department

**Storm Water Utility** 

#### Account #

4000 35 3034

# **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☑ City Services ☐

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds to continue best practices used to reduce storm water related pollutants entering local waterways, rivers, and the Chesapeake Bay. In addition, planned work includes the continuation of the wetlands restoration initiative, led by the Army Corps of Engineers, and a systematic program for dredging of silted-in and obstructed storm water outfalls around the city.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	950,000	950,000	950,000	950,000	950,000	4,750,000
FY 2016 Adopted	950,000	950,000	950,000	950,000	950,000	N/A	4,750,000
Estimated Operating Budget Impact	g N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	95,000	95,000	95,000	95,000	95,000	475,000
Construction/FFE	N/A	855,000	855,000	855,000	855,000	855,000	4,275,000
Total	N/A	950,000	950,000	950,000	950,000	950,000	4,750,000

Prior Capital Funding	8,250,000
FY 2017 Adopted	950,000
Capital Share Remaining	3,800,000
Project Total	13,000,000



## **Improve Storm Water System**

## Department

Storm Water Utility

#### Account #

4000 35 3035

## **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☑ City Services ☑

Educational Community 

Tourists/Visitors 

Tourists/Visitors

#### **Project Description**

Provide funds to improve storm water facilities, including installation of standby power generators at underpass storm water stations, coupled with replacement of pumps, controls, electrical systems, valves, and piping that are approaching the end of their service life. In addition, installation and replacement of tide flap valves at some city storm water outfalls will be made to reduce tidal flooding during aberrant tide conditions.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	600,000	600,000	600,000	600,000	600,000	3,000,000
FY 2016 Adopted	600,000	600,000	600,000	600,000	600,000	N/A	3,000,000
Estimated Operating	j N/A	0	0	0	0	0	0

FY	2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	60,000	60,000	60,000	60,000	60,000	300,000
Construction/FFE	N/A	540,000	540,000	540,000	540,000	540,000	2,700,000
Total	N/A	600,000	600,000	600,000	600,000	600,000	3,000,000

Prior Capital Funding	11,050,000
FY 2017 Adopted	600,000
Capital Share Remaining	2,400,000
Project Total	14,050,000



# **Improve Storm Water Waterfront Facilities**

for shoreline stabilization.

## Department

**Storm Water Utility** 

#### Account #

4000 35 3037

## **Property Address:**

Citywide

## **Customers Served**

Residents **V** Business **∑**  City Services

Educational Community 

Tourists/Visitors 

Tourists/Visitors

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000
FY 2016 Adopted	500,000	500,000	500,000	500,000	500,000	N/A	2,500,000
Estimated Operating Budget Impact	n/A	0	0	0	0	0	0

#### **Anticipated Project Timeline:**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	er N/A	50,000	50,000	50,000	50,000	50,000	250,000
Construction/FFE	N/A	450,000	450,000	450,000	450,000	450,000	2,250,000
Total	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000

Prior Capital Funding	7,000,000
FY 2017 Adopted	500,000
Capital Share Remaining	2,000,000
Project Total	9,500,000



**Project Description** Provide funds for the non-routine inspections, maintenance,

repair, rehabilitation, replacement, and installation of facilities

# **Reduce Neighborhood Flooding**

## Department

**Storm Water Utility** 

#### Account #

4000 35 3032

# **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☑ City Services ☑

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds for neighborhood flood mitigation programs, which address various drainage system improvements, repairs, rehabilitation, cleaning, and drainage studies in neighborhoods throughout the city.

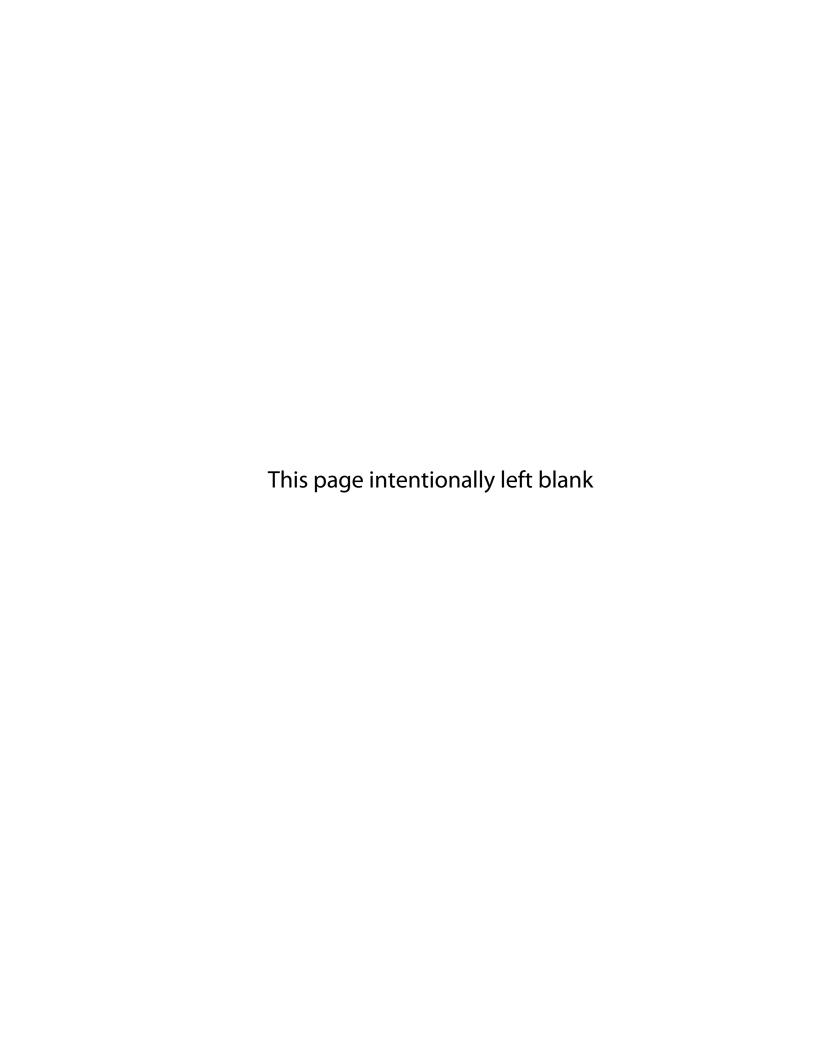
# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	7,250,000
FY 2016 Adopted	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	N/A	7,250,000
Estimated Operating	N/A	0	0	0	0	0	0

	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	145,000	145,000	145,000	145,000	145,000	725,000
Construction/FFE	N/A	1,305,000	1,305,000	1,305,000	1,305,000	1,305,000	6,525,000
Total	N/A	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	7,250,000

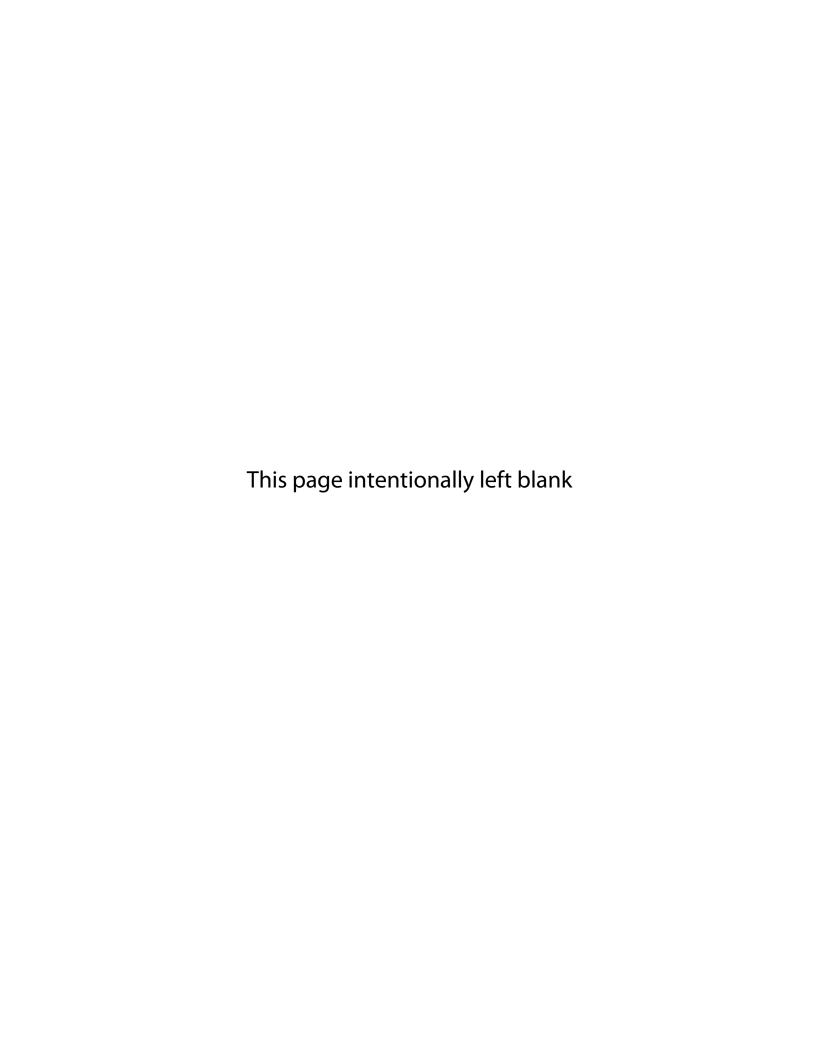
Prior Capital Funding	16,700,000
FY 2017 Adopted	1,450,000
Capital Share Remaining	5,800,000
Project Total	23,950,000





# **Wastewater Utility**





# **Improve Wastewater Collection System**

## Department

**Wastewater Utility** 

#### Account #

5200 34 3082

# **Property Address:**

Citywide

#### **Customers Served**

Residents **V** Business **▼** 

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds for the replacement or rehabilitation of several thousand feet of gravity sanitary sewer pipe to eliminate overflows. In addition, upgrades to pump stations and failing sections of force mains are planned. Project funding increased due to the rising backlog of infrastructure improvements needed of the wastewater collection system.

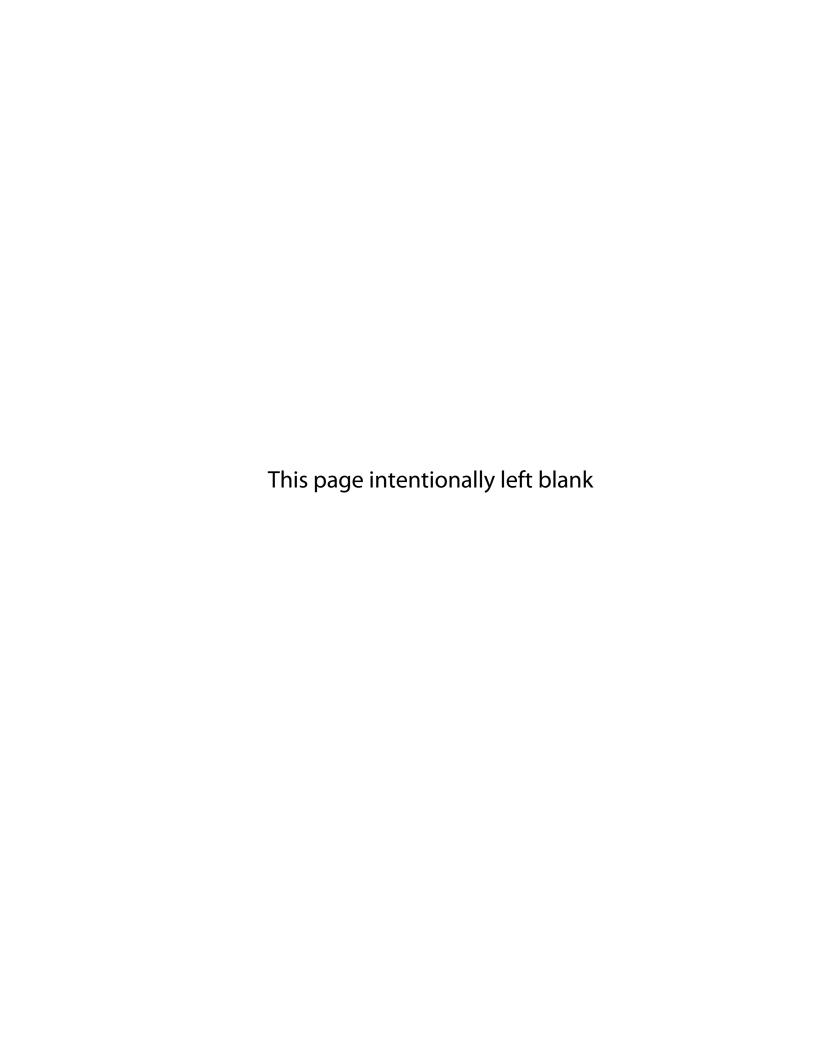
# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	100,000,000
FY 2016 Adopted	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	N/A	85,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	er N/A	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Construction/FFE	N/A	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	90,000,000
Total	N/A	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	100,000,000

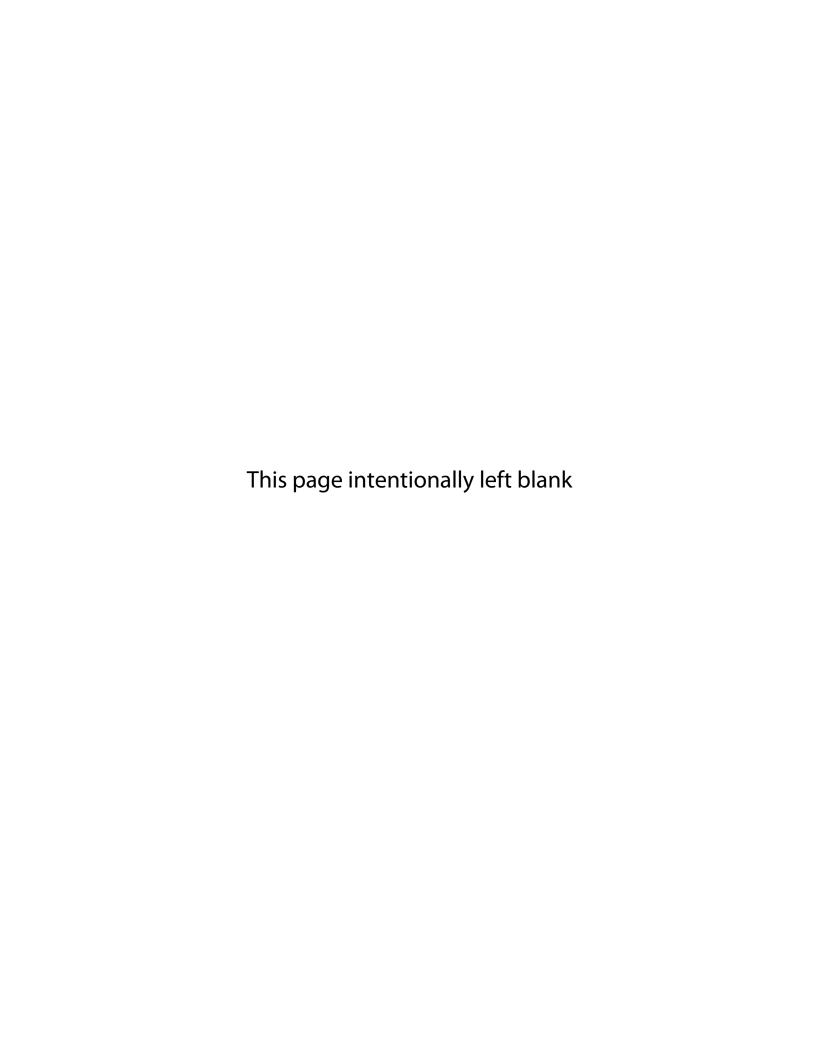
Prior Capital Funding	190,505,000
FY 2017 Adopted	20,000,000
Capital Share Remaining	80,000,000
Project Total	290,505,000





# **Water Utility**





# **Comply With Safe Drinking Water Act Amendments**

## Department

Water Utility

#### Account #

5300 33 4060

# **Property Address:**

Citywide

#### **Customers Served**

Residents **V** Business **▼**  Educational Community 

Tourists/Visitors 

Tourists/Visitors

#### **Project Description**

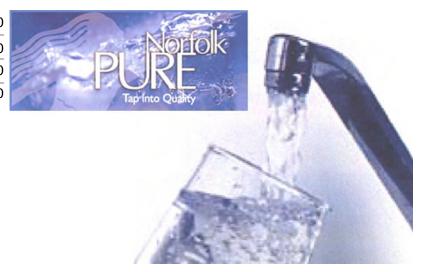
Provide funds for aging laboratory equipment and process changes to address general water quality issues and water treatment improvements, as they relate to Safe Drinking Water Act compliance. Project funding increased due to Environmental Protection Agency (EPA) revised water treatment process regulations.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	400,000	300,000	1,300,000	500,000	300,000	2,800,000
FY 2016 Adopted	0	100,000	0	1,000,000	200,000	N/A	1,300,000
Estimated Operating Budget Impact	y N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	r N/A	100,000	50,000	300,000	100,000	50,000	600,000
Construction/FFE	N/A	300,000	250,000	1,000,000	400,000	250,000	2,200,000
Total	N/A	400,000	300,000	1,300,000	500,000	300,000	2,800,000

Prior Capital Funding	1,120,000
FY 2017 Adopted	400,000
Capital Share Remaining	2,400,000
Project Total	3,920,000



# **Design and Construct 37th Street Plant**

## Department

Water Utility

#### Account #

5300 33 3054

## **Property Address:**

37th Street

#### **Customers Served**

Residents ☑ Business ☑ City Services ☐

Educational Community 

Tourists/Visitors 

Tourists/Visitors

# **Project Description**

Provide funds for necessary modifications to the 37th Street Water Treatment Plant to replace critical systems and components, such as clarification basins and finished water storage. This project was previously planned for FY 2020, but will be phased in earlier to adhere to new disinfectant by-product regulations.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	500,000	500,000	500,000	2,000,000	1,000,000	4,500,000
FY 2016 Adopted	0	0	0	0	5,000,000	N/A	5,000,000
Estimated Operating Budget Impact	g N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	r N/A	100,000	100,000	100,000	400,000	200,000	900,000
Construction/FFE	N/A	400,000	400,000	400,000	1,600,000	800,000	3,600,000
Total	N/A	500,000	500,000	500,000	2,000,000	1,000,000	4,500,000

Prior Capital Funding	35,000,000
FY 2017 Adopted	500,000
Capital Share Remaining	4,000,000
Project Total	39,500,000



## **Implement Meter Change-Out Program**

## Department

Water Utility

#### Account #

5300 33 4090

# **Property Address:**

Citywide

#### **Customers Served**

Residents **V** Business **▼**  Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds for the replacement of old and malfunctioning water meters throughout the city. Additional water meters are planned for replacement in FY 2017 requiring an increased amount of funding. An automated meter reading system is anticipated to be implemented in FY 2021 which will provide increased efficiencies.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	400,000	150,000	150,000	200,000	3,150,000	4,050,000
FY 2016 Adopted	150,000	150,000	150,000	150,000	150,000	N/A	750,000
Estimated Operating Budget Impact	n/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	r N/A	0	0	0	0	0	0
Construction/FFE	N/A	400,000	150,000	150,000	200,000	3,150,000	4,050,000
Total	N/A	400,000	150,000	150,000	200,000	3,150,000	4,050,000

Prior Capital Funding	650,000
FY 2017 Adopted	400,000
Capital Share Remaining	3,650,000
Project Total	4,700,000



# **Improve Water Pipeline Infrastructure**

systems.

Department

**Water Utility** 

Account #

5300 33 3057

**Property Address:** 

Citywide

**Customers Served** 

Business **∑** Residents **⊻** 

Educational Community 

Tourists/Visitors

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	12,000,000	11,000,000	10,040,000	6,600,000	7,000,000	46,640,000
FY 2016 Adopted	12,700,000	12,000,000	11,000,000	11,040,000	6,400,000	N/A	53,140,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

## **Anticipated Project Timeline:**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	r N/A	1,000,000	1,000,000	1,000,000	1,000,000	500,000	4,500,000
Construction/FFE	N/A	11,000,000	10,000,000	9,040,000	5,600,000	6,500,000	42,140,000
Total	N/A	12,000,000	11,000,000	10,040,000	6,600,000	7,000,000	46,640,000

Prior Capital Funding	130,911,000
FY 2017 Adopted	12,000,000
Capital Share Remaining	34,640,000
Project Total	177,551,000



**Project Description** Provide funds for the continued improvement of the city's raw

water and treated water transmission and distribution

## **Rehabilitate Reservoirs Systemwide**

## Department

Water Utility

#### Account #

5300 33 4174

# **Property Address:**

Citywide

#### **Customers Served**

Residents ☑ Business ☑ City Services ☑

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds for multiple rehabilitation and watershed protection measures for systemwide reservoirs. This project will help maintain high quality and sufficient quantity of water for customers, as well as, ensuring compliance with Commonwealth of Virginia Dam Safety Regulations. Project funding increased due to the Department of Enviornmental Quality requirements for ongoing maintenance and to provide support for the reservoir in the Norfolk Botancial Garden.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	3,650,000	3,733,333	1,183,333	1,853,334	550,000	10,970,000
FY 2016 Adopted	1,050,000	350,000	5,250,000	0	2,390,000	N/A	9,040,000
Estimated Operating Budget Impact	j N/A	0	0	0	0	0	0

FY	2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	250,000	333,333	183,333	353,334	50,000	1,170,000
Construction/FFE	N/A	3,400,000	3,400,000	1,000,000	1,500,000	500,000	9,800,000
Total	N/A	3,650,000	3,733,333	1,183,333	1,853,334	550,000	10,970,000

Prior Capital Funding	7,075,000
FY 2017 Adopted	3,650,000
Capital Share Remaining	7,320,000
Project Total	18,045,000



# **Replace Master Meters**

## Department

Water Utility

#### Account #

5300 33 4169

# **Property Address:**

Citywide

# **Customers Served**

Business **∑** Residents **⊻** 

City Services

Educational Community 

Tourists/Visitors

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	0	120,000	0	120,000	0	240,000
FY 2016 Adopted	120,000	120,000	120,000	120,000	120,000	N/A	600,000
Estimated Operating Budget Impact	n/A	0	0	0	0	0	0

## **Anticipated Project Timeline:**

FY	2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	0	0	0	0	0	0
Construction/FFE	N/A	0	120,000	0	120,000	0	240,000
Total	N/A	0	120,000	0	120.000	0	240.000

Prior Capital Funding	460,000
FY 2017 Adopted	0
Capital Share Remaining	240,000
Project Total	700,000



**Project Description** Provide funds for the continued replacement of distribution

system master meters, to ensure accuracy of billing as

determined by the water readers.

# **Upgrade Moores Bridges Water Treatment Plant**

Department

Water Utility

Account #

5300 33 4115

**Property Address:** 

6040 Water Works Road

**Customers Served** 

Residents ♥ Business ♥ City Services ♥

Educational Community 

Tourists/Visitors

#### **Project Description**

Provide funds for required upgrades at the Moores Bridges Water Treatment Plant, such as storage tanks, chemical feeders, and solids removal systems. Project funds increased due to the need to replace antiquated storage tanks.

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	9,000,000	5,000,000	7,000,000	7,000,000	5,000,000	33,000,000
FY 2016 Adopted	1,500,000	3,000,000	2,000,000	0	7,000,000	N/A	13,500,000
Estimated Operating Budget Impact	j N/A	0	0	0	0	0	0

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Othe	er N/A	1,000,000	500,000	500,000	500,000	500,000	3,000,000
Construction/FFE	N/A	8,000,000	4,500,000	6,500,000	6,500,000	4,500,000	30,000,000
Total	N/A	9,000,000	5,000,000	7,000,000	7,000,000	5,000,000	33,000,000

Prior Capital Funding	24,450,000
FY 2017 Adopted	9,000,000
Capital Share Remaining	24,000,000
Project Total	57,450,000



# **Upgrade Northstar Billing System**

Department

**Project Description** 

**Water Utility** 

Provide funds for upgrades to the billing system to ensure accurate billing calculations.

Account #

5300 33 4196

**Property Address:** 

Citywide

**Customers Served** 

Residents ☑ Business ☑ City Services ☑

Educational Community 

Tourists/Visitors

# **Financial Summary**

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
FY 2017 Adopted	N/A	0	50,000	0	400,000	50,000	500,000
FY 2016 Adopted	50,000	0	50,000	0	400,000	N/A	500,000
Estimated Operating Budget Impact	n/A	0	0	0	0	0	0

	Y 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	TOTAL
Planning/Design/Other	N/A	0	50,000	0	400,000	50,000	500,000
Construction/FFE	N/A	0	0	0	0	0	0
Total	N/A	0	50,000	0	400,000	50,000	500,000

Prior Capital Funding	350,000
FY 2017 Adopted	0
Capital Share Remaining	500,000
Project Total	850,000

